

Package ‘RanglaPunjab’

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Title Displays Palette of 5 Colors

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Description Displays palette of 5 colors based on photos depicting the unique and vibrant culture of Punjab in Northern India. Since Punjab translates to ``Land of 5 Rivers" there are 5 colors per palette. If users need more than 5 colors, they can merge 2 to 3 palettes to create their own color-combination, or they can cherry-pick their own custom colors. Users can view up to 3 palettes together. Users can also list all the palette choices. And last but not least, users can see the photo that inspired a particular palette.

Depends R (>= 3.5.0)

License GPL-2

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports jpeg, shiny, tidyverse

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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Contents

CherryPickPalette	2
ListPalette	2
MergePalette	3
PaintPalette	3
RanglaPunjab	4
ShowPalettePhoto	5

Index	6
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CherryPickPalette	<i>Cherry Pick Palette — Getting Facelift</i>
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Description

This function allows user to cherry pick colors from 2 to 3 palettes

Usage

```
CherryPickPalette(name, name2 = NULL, name3 = NULL, ...)
```

Arguments

name	Name of 1st palette
name2	Name of 2nd palette
name3	Name of 3rd (optional) palette
...	Numeric, complex, or logical vectors

Value

user-defined palette of colors

Examples

```
CherryPickPalette("GoldenTemple","AmritsariPedeWaliLassi")
CherryPickPalette("BiryaniRice","Kulfi","Haveli2")
```

ListPalette	<i>List Palette</i>
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Description

This function returns list of all palettes

Usage

```
ListPalette()
```

Value

List of palettes

Examples

```
ListPalette()
```

MergePalette	<i>Merge Palette</i>
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Description

This function takes 2 or 3 palettes and returns a palette of 10 or 15 colors (in the unlikely event there are duplicates, then return less than 10 or 15)

Usage

```
MergePalette(name, name2 = NULL, name3 = NULL, ...)
```

Arguments

name	Name of 1st palette
name2	Name of 2nd palette
name3	Name of 3rd (optional) palette
...	Numeric, complex, or logical vectors

Value

Vector of 10 or 15 color values (in the unlikely event there are duplicates, then return less than 10 or 15 colors)

Examples

```
MergePalette("AmritsariKulcha", "Phulkari2")
MergePalette("Gidha", "Jutti2")
MergePalette("FieldsOfPunjab", "GoldenTemple2", "Jutti3")
```

PaintPalette	<i>Paint Palette</i>
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Description

This function paints an image of up to 3 palettes

Usage

```
PaintPalette(name = NULL, name2 = NULL, name3 = NULL, ...)
```

Arguments

name	Name of 1st palette
name2	Name of 2nd (optional) palette
name3	Name of 3rd (optional) palette
...	Numeric, complex, or logical vectors

Value

image of colors and description

Examples

```
PaintPalette("Pindh")  
PaintPalette("FieldsOfPunjab", "Jutti")  
PaintPalette("FieldsOfPunjab", "Jutti", "Paranda")
```

RanglaPunjab

Palette of 5 Colors

Description

This function returns a palette of 5 colors

Usage

```
RanglaPunjab(name = NULL, ...)
```

Arguments

name	Palette name
...	Numeric, complex, or logical vectors

Value

Vector of 5 color values

Examples

```
RanglaPunjab("GoldenTemple")  
RanglaPunjab("SohniMahiwal")  
RanglaPunjab("Teej")
```

ShowPalettePhoto	<i>Show Palette Photo</i>
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Description

This function shows photo that inspired a palette

Usage

```
ShowPalettePhoto(name = NULL, ...)
```

Arguments

name	palette name
...	Numeric, complex, or logical vectors

Value

image of reference photo with palette

Examples

```
ShowPalettePhoto("GoldenTemple")
ShowPalettePhoto("Kulfi")
ShowPalettePhoto("AmritsariPedeWaliLassi")
```

Index

CherryPickPalette, [2](#)

ListPalette, [2](#)

MergePalette, [3](#)

PaintPalette, [3](#)

RanglaPunjab, [4](#)

ShowPalettePhoto, [5](#)