

# Converting Colors

Hex(E28683)

Have a look what the booklet for  
Hex(E28683) contains.

<b>Hex(E28683)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E28683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E28683
RGB	226, 134, 131
RGB Percent	89%, 53%, 51%
CMY	0.1137, 0.4745, 0.4863
CMYK	0.00, 0.41, 0.42, 0.11
HSL	2°, 62%, 70%
HSV	2°, 42%, 89%
XYZ	43.9859, 34.8576, 25.8826
YIQ	161.1660, 55.7950, 18.5710

# Conversions

## Conversions Part 2

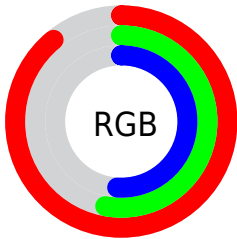
Format	Color
R <sub>Y</sub> B	226, 134, 131
Decimal	14845571
CIE Lab	65.64, 34.86, 16.86
CIE LCh	66, 38.725, 25.812
Yxy	34.8576, 0.4200, 0.3328
Android (android.graphics.Color)	4293035651 (0xFFE28683)
YUV	161.1660, -14.8718, 56.8594
Hunter-Lab	59.0404, 29.6643, 15.3362

# Details

The Hex color **E28683** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83DFE2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBCB8**, and **A85352** is the 20% darker color. If you saturate the color by 10%, you get **E2706C**, and if you desaturate by 10%, it is **E29C9A**.

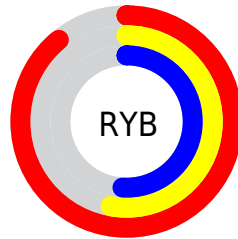
# Distribution



Red (89%)

Green (53%)

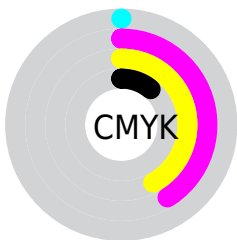
Blue (51%)



Red (89%)

Yellow (53%)

Blue (51%)

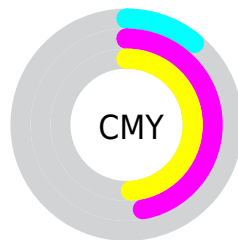


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E28683 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E28683 by changing the saturation by 10% instead.



 E28683

 E28683

FFFFFF

 C56C6A

 FFBCB8

 A85352

 FFD8D4

 8B3A3B

 FFF5F0

 6F2125

 540411

 3A0000

 1E0001

 000000

 E28683

 E28683

 E2706C

 E29C9A

 E25A56

 E2B2B0

 E2443F

 E2C8C7

 E22E29

 E2DEDD

 E21912

 E2F3F4

 E20700

 E2FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DE84A6



E28683



D59067

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E28683



6EAE77



61A4E4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E28683



83DFE2

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



02ADD8



E28683



3BB199

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E28683



97A65F



00B1BC



9C98DE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E28683



C4985C



00B1BC



4AA8E2

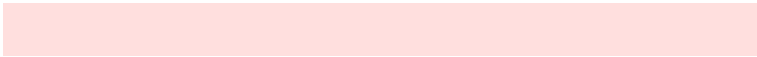


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E28683



FFDFDE



E283E0



806C6B



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E28683



FF8480



E2B483



706565



B00600



300200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83DFE2



80FBFF



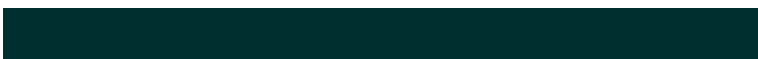
83B1E2



657070



00AAB0



002F30



# Previews

## White Background



This preview shows how the Hex color E28683 looks on a white background.

## Color Contrast Check

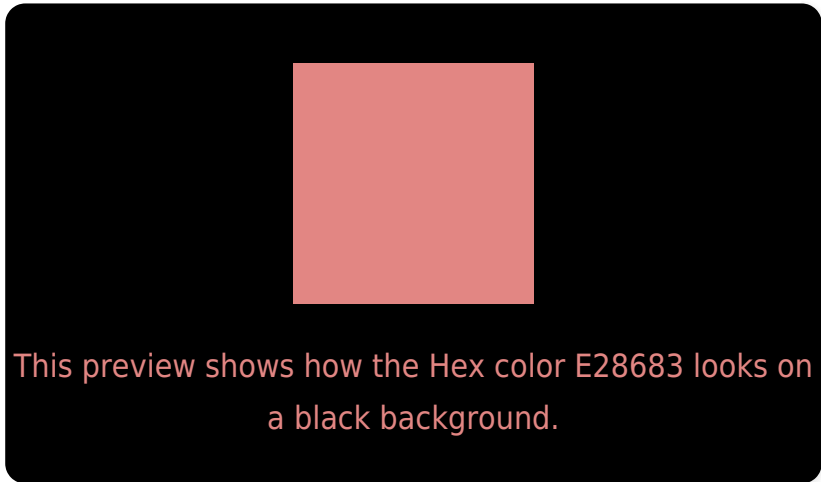
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E28683 Background



This preview shows how black text looks on a background with the Hex color E28683.

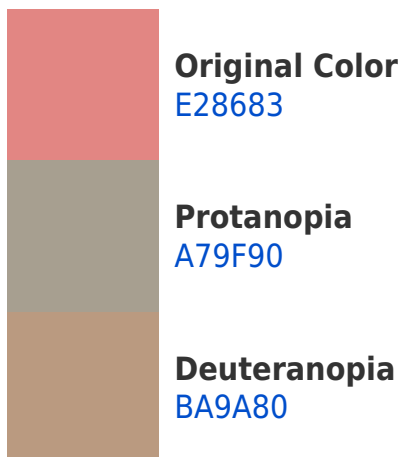


This preview shows how white text looks on a background with the Hex color E28683.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

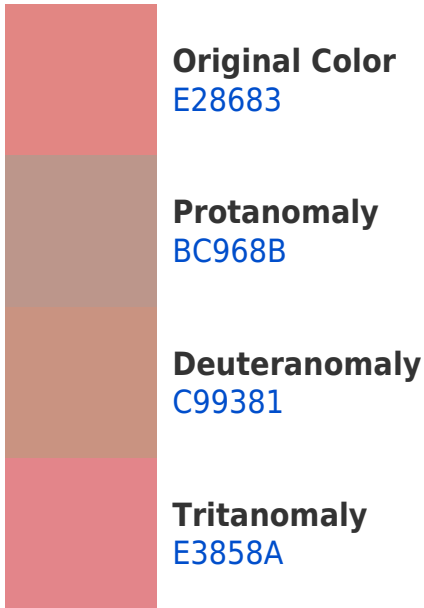
## Dichromacy



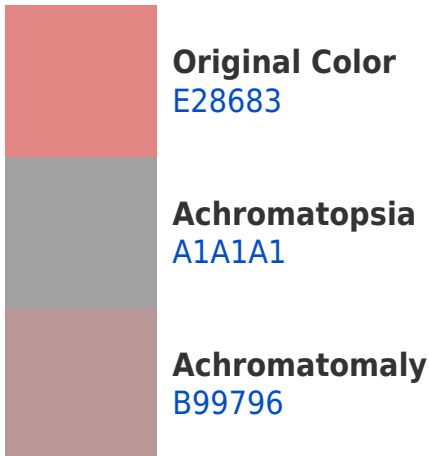


**Tritanopia**  
E3848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E28683 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E28683 looks like.

```
.text, #text, p{  
    color:#E28683  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E28683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28683
}
```

## Border

The CSS property to change the border of an element to Hex E28683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

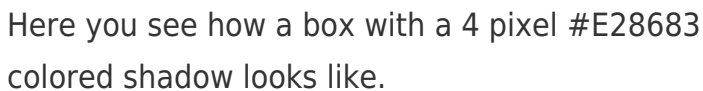
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E28683 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E28683 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #E28683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28683; -webkit-box-shadow:4px 4px  
4px 4px #E28683; box-shadow:4px 4px 4px  
4px #E28683 }
```

# Background

The CSS property to change the background color of an element to Hex E28683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28683 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E28683 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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