

# Converting Colors

Hex(63B28F)

Have a look what the booklet for  
Hex(63B28F) contains.

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# Color

Hex(63B28F)

# Conversions

## Conversions Part 1

Format	Color
Hex	63B28F
RGB	99, 178, 143
RGB Percent	39%, 70%, 56%
CMY	0.6118, 0.3020, 0.4392
CMYK	0.44, 0.00, 0.20, 0.30
HSL	153°, 34%, 54%
HSV	153°, 44%, 70%
XYZ	26.0239, 36.4766, 31.6557
YIQ	150.3890, -35.8490, -27.6330

# Conversions

## Conversions Part 2

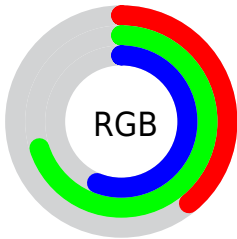
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 150, 178
Decimal	6533775
CIELab	66.88, -32.58, 10.41
CIElCh	67, 34.200, 162.283
Yxy	36.4766, 0.2764, 0.3874
Android (android.graphics.Color)	4284723855 (0xFF63B28F)
YUV	150.3890, -3.6428, -45.0682
Hunter-Lab	60.3959, -28.7791, 11.2010

# Details

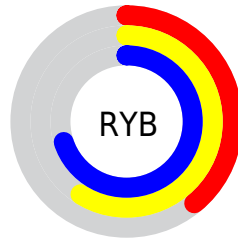
The Hex color **63B28F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B26386**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9AEAC5**, and **2C7D5D** is the 20% darker color. If you saturate the color by 10%, you get **51B287**, and if you desaturate by 10%, it is **75B297**.

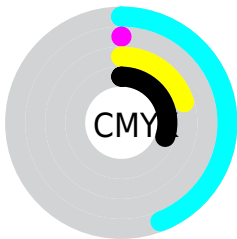
# Distribution



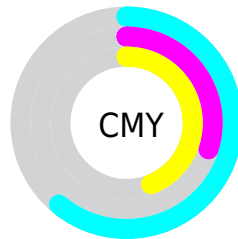
- Red (39%)
- Green (70%)
- Blue (56%)



- Red (39%)
- Yellow (59%)
- Blue (70%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (61%)
- Magenta (30%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63B28F 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 63B28F by changing the saturation by 10% instead.





63B28F



63B28F

FFFFFF



489775



9AEAC5



2C7D5D



B5FFE1



086345



D2FFFD



004B2F



EFFFFFF



00331A



002000



000000



63B28F



63B28F



51B287



75B297

 3FB27F

 87B29F

 2EB277

 98B2A7

 1CB26F

 AAB2AF

 0AB268

 BCB2B6

 00B263

 CEB2BE

 E0B2C6

 F1B2CE

 FFB2D6

# Harmonies

## Analogous

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



89AD74



63B28F



3DB3AF

# Triad

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



63B28F



8CA1DF



DA917B

# Complementary

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



63B28F



B26386

# 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.



DF8B97



63B28F



B796D0

# Square

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



63B28F



59ABDD



D38DB6



C79B68

# Rectangle

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



63B28F



2EB2C3



D38DB6



DE8E83

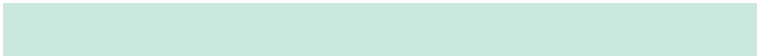


# Sweetspot

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



63B28F



CAE8DB



87B263



63756D



F5F5F5



757575



# Same Dimension

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



63B28F



6DE8B2



63AEB2



505955



009955



001A0E



# Inverse Universe

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



B26386



E86DA4



B26763



595054



990044

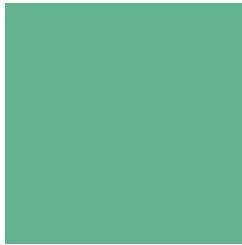


1A000B



# Previews

## White Background



This preview shows how the Hex color 63B28F looks on a white background.

## Color Contrast Check

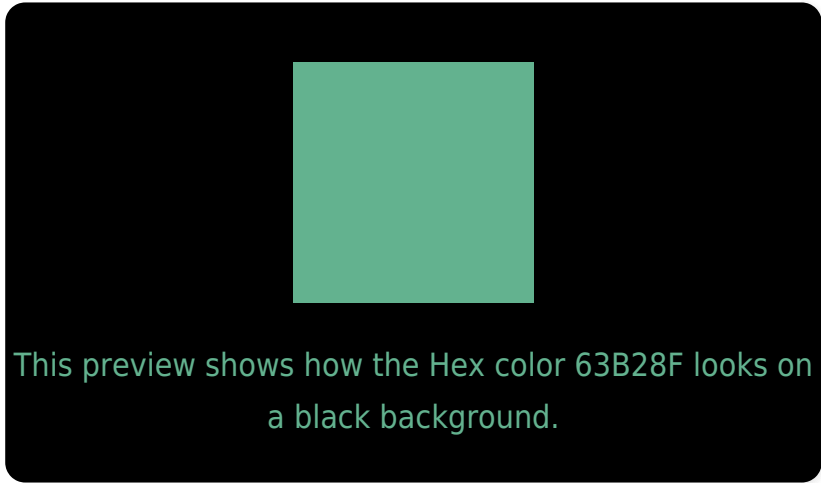
Large Text (above 18pt) WCAG AA × Fail

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

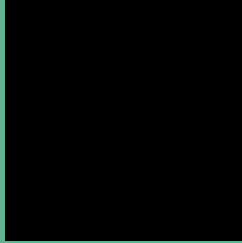
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63B28F Background



This preview shows how black text looks on a background with the Hex color 63B28F.

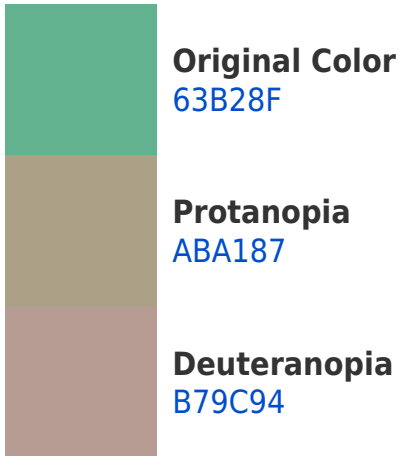


This preview shows how white text looks on a background with the Hex color 63B28F.

# Color Blindness Simulation

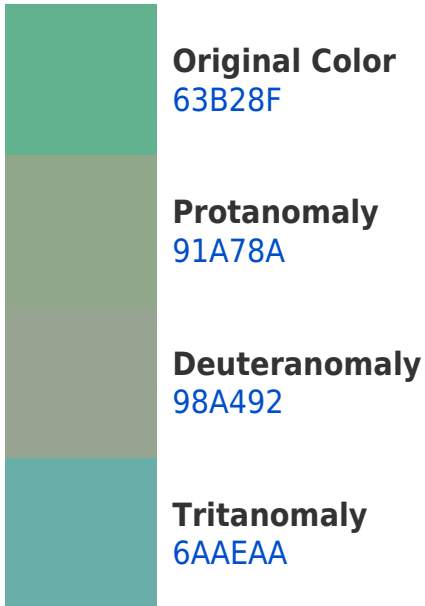
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63B28F 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 #63B28F looks like.

```
.text, #text, p{  
    color:#63B28F  
}
```

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 #63B28F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B28F
}
```

## Border

The CSS property to change the border of an element to Hex 63B28F 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
#63B28F }
```

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

```
.border{ border-color:#63B28F }
```

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

Here you see how a box with a 4 pixel #63B28F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B28F; -webkit-box-shadow:4px 4px  
4px 4px #63B28F; box-shadow:4px 4px 4px  
4px #63B28F }
```

# Background

The CSS property to change the background color of an element to Hex 63B28F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B28F }
```

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

```
.background{ background-color:#63B28F }
```

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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