

# Converting Colors

Hex(55B58D)

Have a look what the booklet for  
Hex(55B58D) contains.

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**Color**

**Hex(55B58D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55B58D
RGB	85, 181, 141
RGB Percent	33%, 71%, 55%
CMY	0.6667, 0.2902, 0.4471
CMYK	0.53, 0.00, 0.22, 0.29
HSL	155°, 39%, 52%
HSV	155°, 53%, 71%
XYZ	25.0779, 36.9021, 31.0004
YIQ	147.7360, -44.3760, -32.7920

# Conversions

## Conversions Part 2

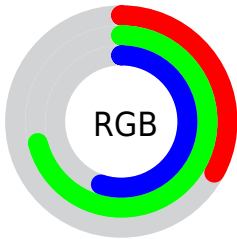
Format	Color
<a href="#">RYB</a>	<a href="#">85, 146, 181</a>
Decimal	<a href="#">5617037</a>
CIELab	<a href="#">67.20, -37.94, 11.88</a>
CIELCh	<a href="#">67, 39.761, 162.613</a>
Yxy	<a href="#">36.9021, 0.2697, 0.3969</a>
Android (android.graphics.Color)	<a href="#">4283807117 (0xFF55B58D)</a>
YUV	<a href="#">147.7360, -3.3208, -55.0195</a>
Hunter-Lab	<a href="#">60.7471, -32.6183, 12.2662</a>

# Details

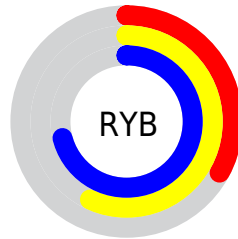
The Hex color **55B58D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B5557D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DEDC3**, and **147F5B** is the 20% darker color. If you saturate the color by 10%, you get **43B585**, and if you desaturate by 10%, it is **67B595**.

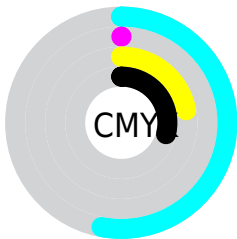
# Distribution



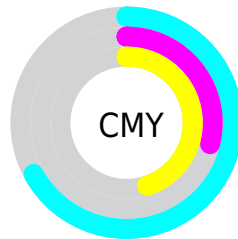
- Red (33%)
- Green (71%)
- Blue (55%)



- Red (33%)
- Yellow (57%)
- Blue (71%)



- Cyan (53%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55B58D 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 55B58D by changing the saturation by 10% instead.



 55B58D

 55B58D


FFFFFF

 389A73

 8DEDC3

 147F5B

 A9FFDF

 006643

 C6FFFB

 004D2D

 E3FFFF

 003518

 002100

 000000

 55B58D

 55B58D

 43B585

 67B595

 31B57E

 79B59C

 1FB576

 8BB5A4

 0DB56F

 9DB5AB

 00B56A

 B0B5B3

 C2B5BA

 D4B5C2

 E6B5C9

 F8B5D1

# Harmonies

## Analogous

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



84B06D



55B58D



00B7B2

# Triad

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



55B58D



87A2E9



E28E75

# Complementary

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



55B58D



B5557D

# 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.



E98796



55B58D



BB95D8

# Square

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



55B58D



42ADE7



DC8ABA



CC9A5F

# Rectangle

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



55B58D



00B5C9



DC8ABA



E68B7F



# Sweetspot

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



55B58D



C5EBDB



7DB555



5F756C



F5F5F5



757575



# Same Dimension

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



55B58D



54EBAC



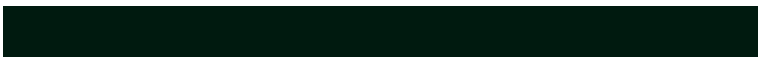
55ADB5



505956



009959



001A0F



# Inverse Universe

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



B5557D



EB5493



B55D55



595054



990040

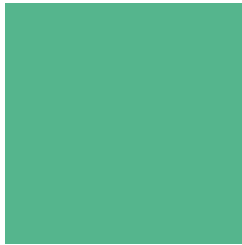


1A000B



# Previews

## White Background



This preview shows how the Hex color 55B58D looks on a white background.

## Color Contrast Check

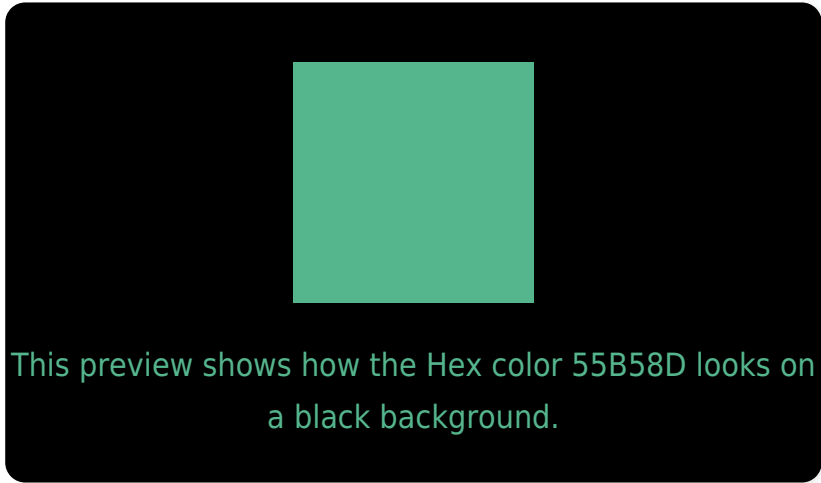
Large Text (above 18pt) WCAG AA × Fail

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

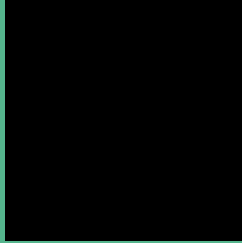
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55B58D Background



This preview shows how black text looks on a background with the Hex color 55B58D.

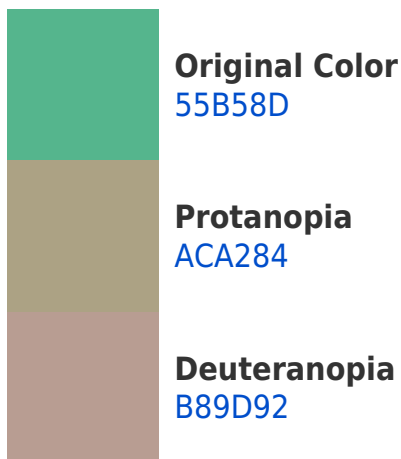


This preview shows how white text looks on a background with the Hex color 55B58D.

# 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](#).

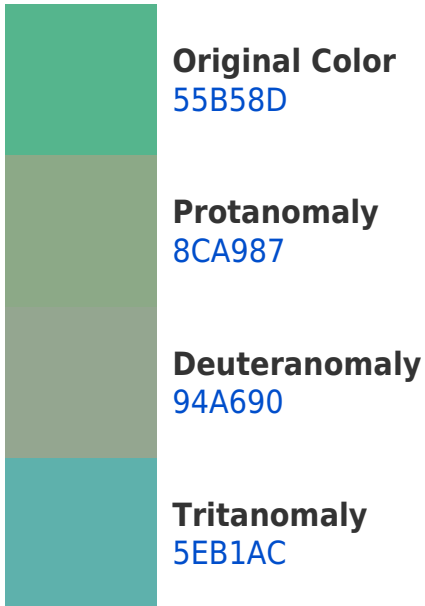
## Dichromacy



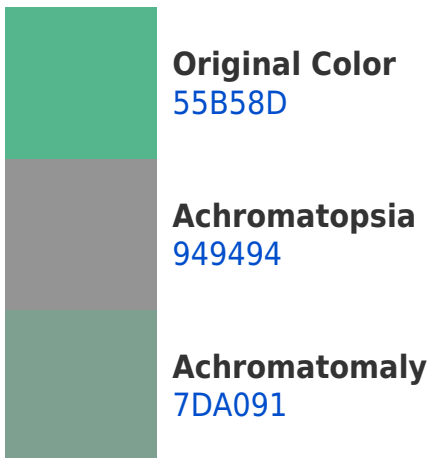


**Tritanopia**  
63AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55B58D 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 #55B58D looks like.

```
.text, #text, p{  
    color:#55B58D  
}
```

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 #55B58D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B58D
}
```

## Border

The CSS property to change the border of an element to Hex 55B58D 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
#55B58D }
```

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

```
.border{ border-color:#55B58D }
```

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

Here you see how a box with a 4 pixel #55B58D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B58D; -webkit-box-shadow:4px 4px  
4px 4px #55B58D; box-shadow:4px 4px 4px  
4px #55B58D }
```

# Background

The CSS property to change the background color of an element to Hex 55B58D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B58D }
```

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

```
.background{ background-color:#55B58D }
```

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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