

# Converting Colors

Hex(598B87)

Have a look what the booklet for  
Hex(598B87) contains.

|  |    |
|--|----|
| <b>Hex(598B87)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(598B87)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 598B87                       |
| RGB         | 89, 139, 135                 |
| RGB Percent | 35%, 55%, 53%                |
| CMY         | 0.6510, 0.4549, 0.4706       |
| CMYK        | 0.36, 0.00, 0.03, 0.45       |
| HSL         | 175°, 22%, 45%               |
| HSV         | 175°, 36%, 55%               |
| XYZ         | 17.7256, 22.3384, 26.2992    |
| YIQ         | 123.5940, -28.5160, -11.8440 |

# Conversions

## Conversions Part 2

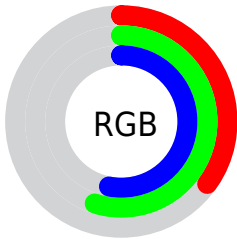
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 89, 115, 139                  |
| Decimal                             | 5868423                       |
| CIE <sub>Lab</sub>                  | 54.38, -17.71, -3.20          |
| CIE <sub>LCh</sub>                  | 54, 18.002, 190.245           |
| Yxy                                 | 22.3384, 0.2671,<br>0.3366    |
| Android<br>(android.graphics.Color) | 4284058503<br>(0xFF598B87)    |
| YUV                                 | 123.5940, 5.6232,<br>-30.3389 |
| Hunter-Lab                          | 47.2635, -15.7667,<br>0.0932  |

# Details

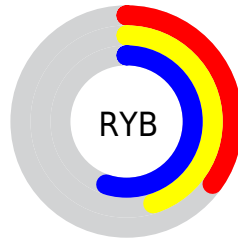
The Hex color **598B87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B595D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8DC1BC**, and **275955** is the 20% darker color. If you saturate the color by 10%, you get **4B8B86**, and if you desaturate by 10%, it is **678B88**.

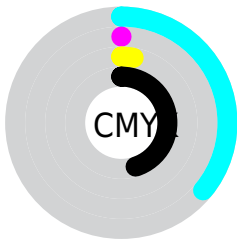
# Distribution



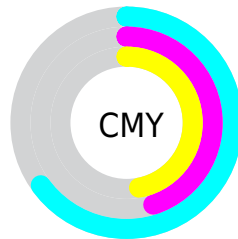
- Red (35%)
- Green (55%)
- Blue (53%)



- Red (35%)
- Yellow (45%)
- Blue (55%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 598B87 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 598B87 by changing the saturation by 10% instead.





598B87



598B87

FFFFFF



40716E



8DC1BC



275955



A8DDD8



0A413E



C4F9F4



002B28



E0FFFF



001814



F0FFFF



000000



598B87



598B87



4B8B86



678B88



3D8B85



758B89

 2F8B84

 838B8A

 218B83

 918B8B

 148B81

 9E8B8D

 068B80

 AC8B8E

 008B80

 BA8B8F

 C88B90

 D68B91

# Harmonies

## Analogous

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



668A77



598B87



578A96

# Triad

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



598B87



8B7C9A



977E65

# Complementary

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



598B87



8B595D

# 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.



A0796F



598B87



9B788D

# Square

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



598B87



7782A0



A2777D



888363

# Rectangle

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



598B87



5E889D



A2777D



9B7C68



# Sweetspot

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



598B87



A1B5B3



5D8B59



505C5B



DBDBDB



5C5C5C



# Same Dimension

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



598B87



67B5AF



59768B



3E4544



00857A



000505



# Inverse Universe

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



8B595D



B5676D



8B6E59



453E3F



85000B



050000



# Previews

## White Background



This preview shows how the Hex color 598B87 looks on a white background.

## Color Contrast Check

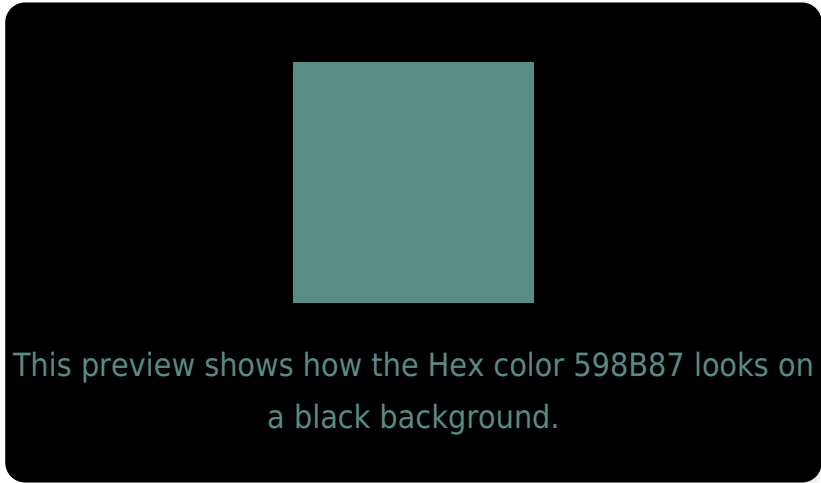
Large Text (above 18pt) WCAG AA ✓ Pass

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

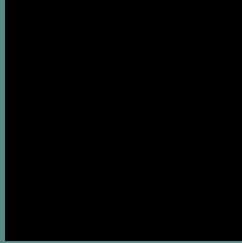
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 598B87 Background



This preview shows how black text looks on a background with the Hex color 598B87.

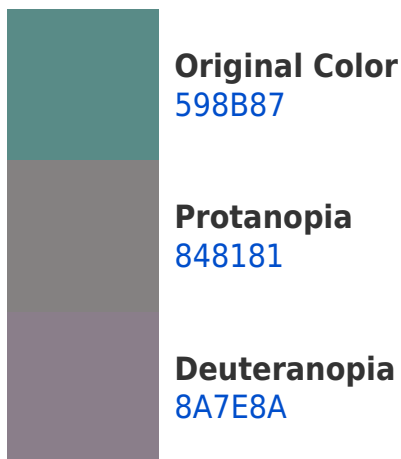



This preview shows how white text looks on a background with the Hex color 598B87.

# 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](#).

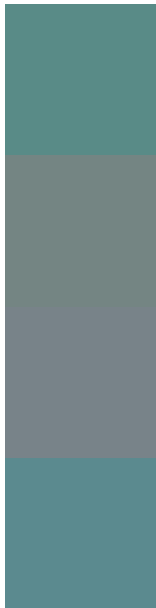
## Dichromacy





**Tritanopia**  
5C8994

# Trichromacy



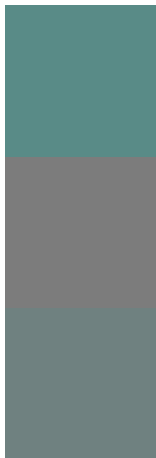
**Original Color**  
598B87

**Protanomaly**  
748583

**Deuteranomaly**  
788389

**Tritanomaly**  
5B8A8F

# Monochromacy



**Original Color**  
598B87

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
6F8180

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 598B87 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 #598B87 looks like.

```
.text, #text, p{  
    color:#598B87  
}
```

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 #598B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598B87
}
```

## Border

The CSS property to change the border of an element to Hex 598B87 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
#598B87 }
```

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

```
.border{ border-color:#598B87 }
```

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

Here you see how a box with a 4 pixel #598B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598B87; -webkit-box-shadow:4px 4px  
4px 4px #598B87; box-shadow:4px 4px 4px  
4px #598B87 }
```

# Background

The CSS property to change the background color of an element to Hex 598B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598B87 }
```

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

```
.background{ background-color:#598B87 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor