

# Converting Colors

Hex(578479)

Have a look what the booklet for  
Hex(578479) contains.

<b>Hex(578479)</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(578479)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	578479
RGB	87, 132, 121
RGB Percent	34%, 52%, 47%
CMY	0.6588, 0.4824, 0.5255
CMYK	0.34, 0.00, 0.08, 0.48
HSL	165°, 21%, 43%
HSV	165°, 34%, 52%
XYZ	15.6329, 19.9092, 21.1081
YIQ	117.2910, -23.2890, -12.9610

# Conversions

## Conversions Part 2

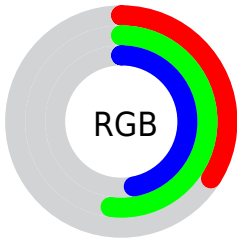
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 113, 132
Decimal	5735545
CIE <sub>Lab</sub>	51.73, -18.01, 1.03
CIE <sub>LCh</sub>	52, 18.039, 176.720
Yxy	19.9092, 0.2760, 0.3514
Android (android.graphics.Color)	4283925625 (0xFF578479)
YUV	117.2910, 1.8285, -26.5652
Hunter-Lab	44.6198, -15.5455, 3.1858

# Details

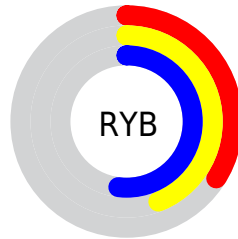
The Hex color **578479** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **845762**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8AB9AD**, and **265249** is the 20% darker color. If you saturate the color by 10%, you get **4A8476**, and if you desaturate by 10%, it is **64847C**.

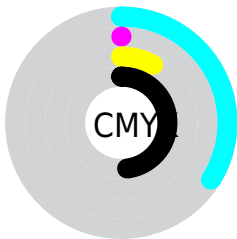
# Distribution



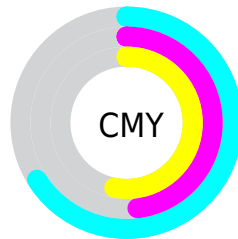
- Red (34%)
- Green (52%)
- Blue (47%)



- Red (34%)
- Yellow (44%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (66%)
- Magenta (48%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 578479 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 578479 by changing the saturation by 10% instead.



■ 578479

■ 578479

FFFFFF

■ 3E6B60

■ 8AB9AD

■ 265249

■ A5D5C9

■ 0C3B32

■ C1F1E5

■ 00251D

■ DDFFFF

■ 000C03

■ FAFFFF

■ 000000

■ 578479

■ 578479

■ 4A8476

■ 64847C

■ 3D8473

■ 71847F

■ 2F846F

■ 7F8483

■ 22846C

■ 8C8486

■ 158469

■ 998489

■ 088466

■ A6848C

■ 008464

■ B38490

■ C18493

■ CE8496

# Harmonies

## Analogous

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



66826A



578479



4F8489

# Triad

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



578479



7C7897



957562

# Complementary

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



578479



845762

# 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.



9B716E



578479



8E738C

# Square

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



578479



677D9A



99707E



897A5D

# Rectangle

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



578479



528291



99707E



987366



# Sweetspot

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



578479



9AABA7



628457



4C5754



D6D6D6



575757



# Same Dimension

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



578479



65AB9A



577984



3C4241



008262



000302



# Inverse Universe

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



845762



AB6576



846257



423C3D



820020



030001



# Previews

## White Background



This preview shows how the Hex color 578479 looks on a white background.

## Color Contrast Check

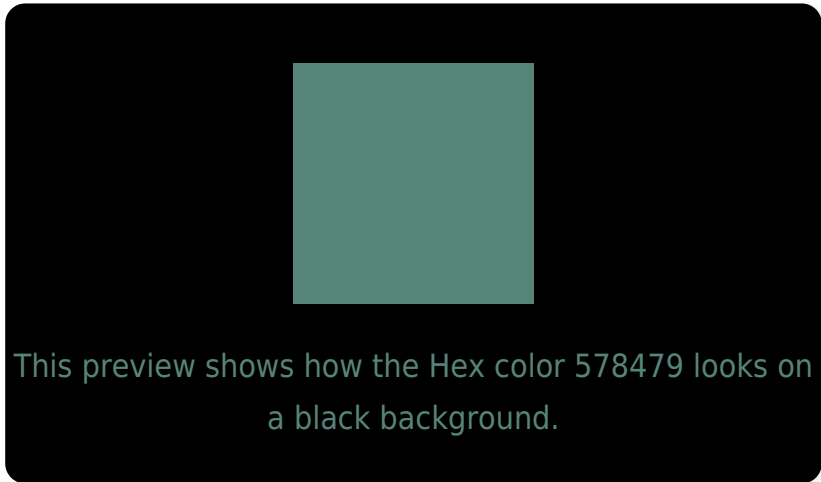
Large Text (above 18pt) WCAG AA ✓ Pass

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

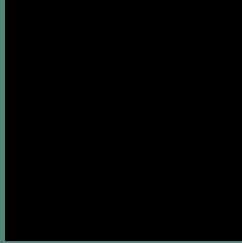
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 578479 Background



This preview shows how black text looks on a background with the Hex color 578479.

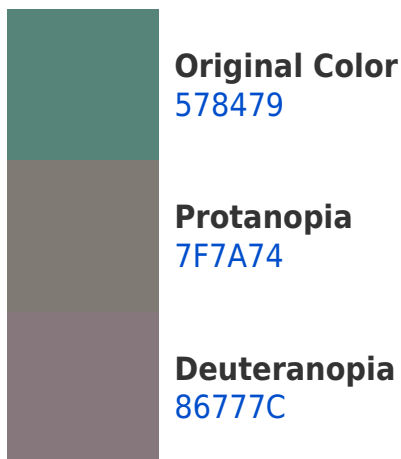



This preview shows how white text looks on a background with the Hex color 578479.

# 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](#).

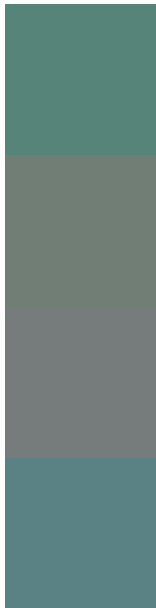
## Dichromacy





**Tritanopia**  
5B818C

# Trichromacy



**Original Color**  
578479

**Protanomaly**  
707E76

**Deuteranomaly**  
757C7B

**Tritanomaly**  
5A8285

# Monochromacy



**Original Color**  
578479

**Achromatopsia**  
757575

**Achromatomaly**  
6A7A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 578479 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 #578479 looks like.

```
.text, #text, p{  
    color:#578479  
}
```

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 #578479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578479
}
```

## Border

The CSS property to change the border of an element to Hex 578479 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
#578479 }
```

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

```
.border{ border-color:#578479 }
```

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

Here you see how a box with a 4 pixel #578479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578479; -webkit-box-shadow:4px 4px  
4px 4px #578479; box-shadow:4px 4px 4px  
4px #578479 }
```

# Background

The CSS property to change the background color of an element to Hex 578479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578479 }
```

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

```
.background{ background-color:#578479 }
```

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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