

# Converting Colors

Hex(588580)

Have a look what the booklet for  
Hex(588580) contains.

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# Color

**Hex(588580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	588580
RGB	88, 133, 128
RGB Percent	35%, 52%, 50%
CMY	0.6549, 0.4784, 0.4980
CMYK	0.34, 0.00, 0.04, 0.48
HSL	173°, 20%, 43%
HSV	173°, 34%, 52%
XYZ	16.3083, 20.4083, 23.5017
YIQ	118.9750, -25.2150, -11.0950

# Conversions

## Conversions Part 2

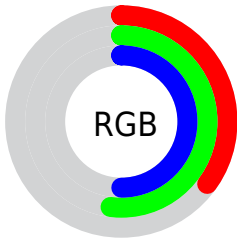
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 112, 133
Decimal	5801344
CIELab	52.30, -16.54, -2.22
CIElCh	52, 16.687, 187.645
Yxy	20.4083, 0.2708, 0.3389
Android (android.graphics.Color)	4283991424 (0xFF588580)
YUV	118.9750, 4.4493, -27.1651
Hunter-Lab	45.1755, -14.6189, 0.7783

# Details

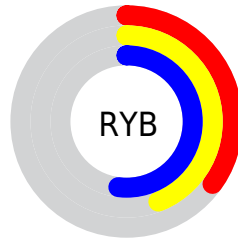
The Hex color **588580** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **85585D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8CBAB5**, and **27534F** is the 20% darker color. If you saturate the color by 10%, you get **4B857F**, and if you desaturate by 10%, it is **658581**.

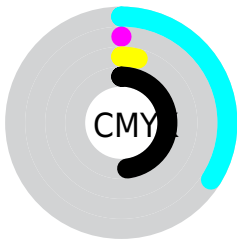
# Distribution



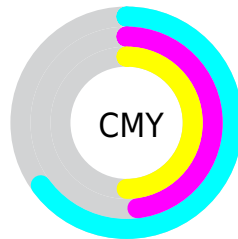
- Red (35%)
- Green (52%)
- Blue (50%)



- Red (35%)
- Yellow (44%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (65%)
- Magenta (48%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588580 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 588580 by changing the saturation by 10% instead.



■ 588580

■ 588580

FFFFFF

■ 3F6C67

■ 8CBAB5

■ 27534F

■ A7D6D0

■ 0D3C38

■ C2F2ED

■ 002623

■ DEFFFF

■ 000F0D

■ FBFFFF

■ 000000

■ 588580

■ 588580

■ 4B857F

■ 658581

■ 3D857D

■ 738583

■ 30857C

■ 808584

■ 23857A

■ 8D8586

■ 158579

■ 9B8587

■ 088577

■ A88589

■ 008576

■ B5858A

■ C2858C

■ D0858D

# Harmonies

## Analogous

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



648471



588580



55848E

# Triad

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



588580



847893



917863

# Complementary

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



588580



85585D

# 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.



99746C



588580



927488

# Square

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



588580



717D99



9A737A



847D60

# Rectangle

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



588580



5B8294



9A737A



947765



# Sweetspot

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



588580



9CADAB



5D8558



4C5756



D6D6D6



575757



# Same Dimension

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



588580



66ADA6



587485



3C4242



008274



000302



# Inverse Universe

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



85585D



AD666E



856958



423C3C



82000E



030000



# Previews

## White Background



This preview shows how the Hex color 588580 looks on a white background.

## Color Contrast Check

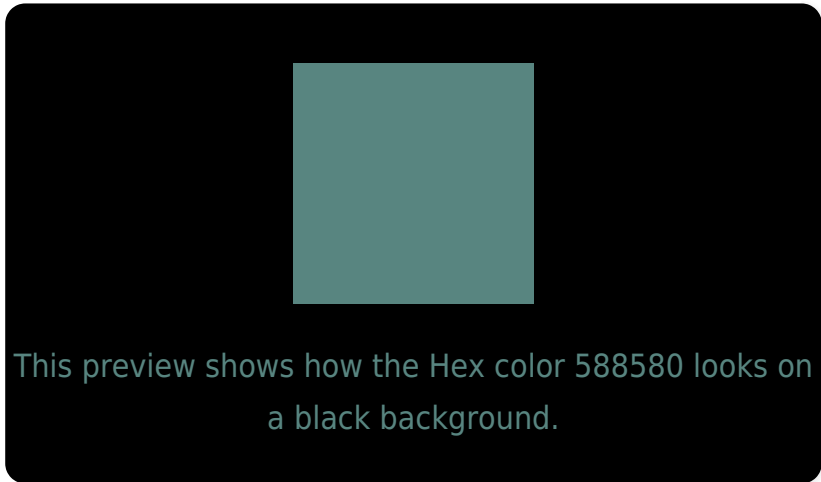
Large Text (above 18pt) WCAG AA ✓ Pass

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

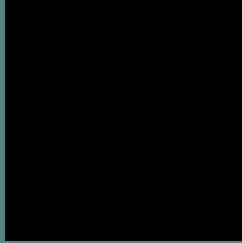
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

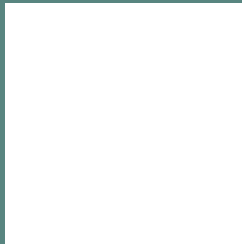
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 588580 Background



This preview shows how black text looks on a background with the Hex color 588580.

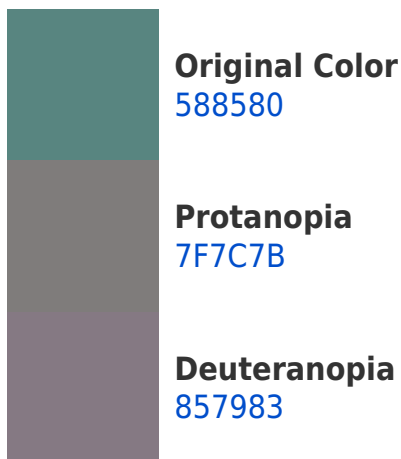



This preview shows how white text looks on a background with the Hex color 588580.

# 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](#).

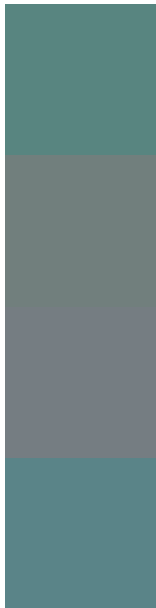
## Dichromacy





**Tritanopia**  
5B838D

# Trichromacy



**Original Color**  
588580

**Protanomaly**  
717F7D

**Deuteranomaly**  
757D82

**Tritanomaly**  
5A8488

# Monochromacy



**Original Color**  
588580

**Achromatopsia**  
777777

**Achromatomaly**  
6C7C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588580 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 #588580 looks like.

```
.text, #text, p{  
    color:#588580  
}
```

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 #588580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588580  
}
```

## Border

The CSS property to change the border of an element to Hex 588580 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  
#588580 }
```

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

```
.border{ border-color:#588580 }
```

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

Here you see how a box with a 4 pixel #588580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588580; -webkit-box-shadow:4px 4px  
4px 4px #588580; box-shadow:4px 4px 4px  
4px #588580 }
```

# Background

The CSS property to change the background color of an element to Hex 588580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588580 }
```

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

```
.background{ background-color:#588580 }
```

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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