

# Converting Colors

Hex(589076)

Have a look what the booklet for  
Hex(589076) contains.

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# Color

Hex(589076)

# Conversions

## Conversions Part 1

Format	Color
Hex	589076
RGB	88, 144, 118
RGB Percent	35%, 56%, 46%
CMY	0.6549, 0.4353, 0.5373
CMYK	0.39, 0.00, 0.18, 0.44
HSL	152°, 24%, 45%
HSV	152°, 39%, 56%
XYZ	17.2678, 23.3292, 20.7324
YIQ	124.2920, -25.0300, -19.9580

# Conversions

## Conversions Part 2

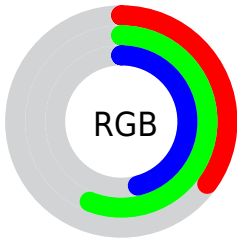
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 124, 144
Decimal	5804150
CIE <sub>Lab</sub>	55.41, -24.62, 8.06
CIE <sub>LCh</sub>	55, 25.903, 161.871
Y <sub>xy</sub>	23.3292, 0.2816, 0.3804
Android (android.graphics.Color)	4283994230 (0xFF589076)
YUV	124.2920, -3.1020, -31.8281
Hunter-Lab	48.3003, -20.7104, 8.3606

# Details

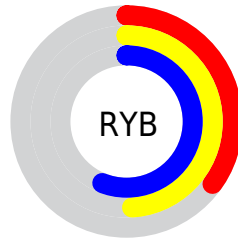
The Hex color **589076** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **905872**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8CC6AA**, and **265D46** is the 20% darker color. If you saturate the color by 10%, you get **4A906F**, and if you desaturate by 10%, it is **66907D**.

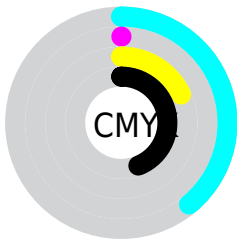
# Distribution



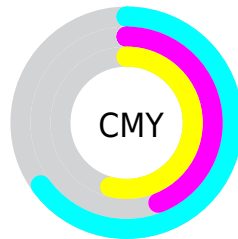
- Red (35%)
- Green (56%)
- Blue (46%)



- Red (35%)
- Yellow (49%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589076 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 589076 by changing the saturation by 10% instead.



 589076

 589076

FFFFFF

 3F765D

 8CC6AA

 265D46

 A7E2C5

 09452F

 C3FFE1

 002E1A

 DFFFFE

 001B00

 FFFFFFFF

 000000

 589076

 589076

 4A906F

 66907D

 3B9069

 759083

 2D9062

 83908A

 1E905B

 929091

 109055

 A09097

 02904E

 AE909E

 00904D

 BD90A5

 CB90AB

 DA90B2

# Harmonies

## Analogous

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



728C63



589076



41918D

# Triad

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



589076



7484B0



AE7868

# Complementary

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



589076



905872

# 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.



B1747C



589076



937CA6

# Square

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



589076



538BAF



A87693



A07F5A

# Rectangle

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



589076



3A909C



A87693



B0766E



# Sweetspot

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



589076



A4BAB0



729058



515E58



DEDEDE



5E5E5E



# Same Dimension

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



589076



63BA92



588E90



404744



008748



000804



# Inverse Universe

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



905872



BA638B



905A58



474044



87003F



080004



# Previews

## White Background



This preview shows how the Hex color 589076 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

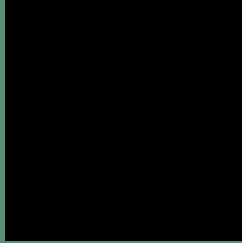
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

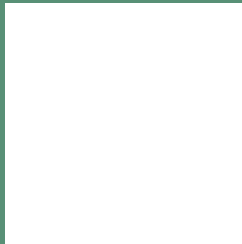
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 589076 Background



This preview shows how black text looks on a background with the Hex color 589076.

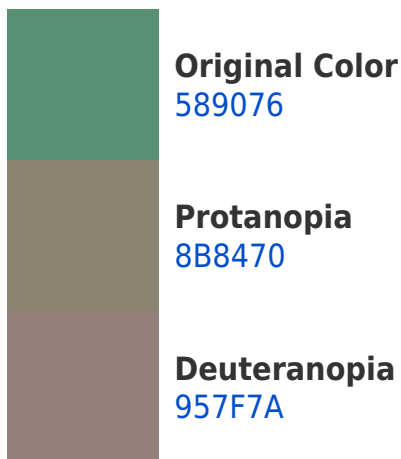


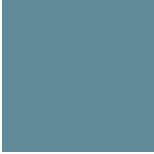
This preview shows how white text looks on a background with the Hex color 589076.

# 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](#).

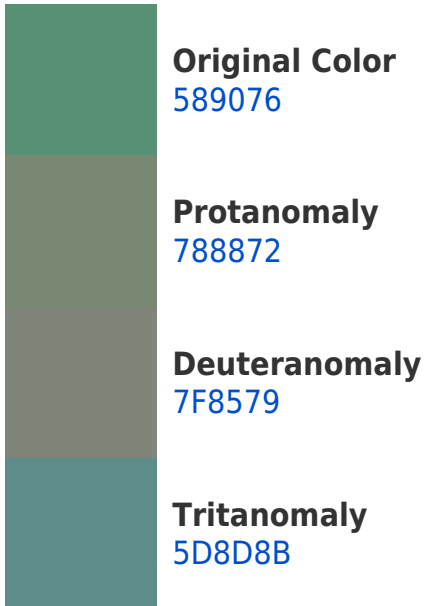
## Dichromacy





**Tritanopia**  
608B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589076 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 #589076 looks like.

```
.text, #text, p{  
    color:#589076  
}
```

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 #589076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589076
}
```

## Border

The CSS property to change the border of an element to Hex 589076 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
#589076 }
```

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

```
.border{ border-color:#589076 }
```

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

Here you see how a box with a 4 pixel #589076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589076; -webkit-box-shadow:4px 4px  
4px 4px #589076; box-shadow:4px 4px 4px  
4px #589076 }
```

# Background

The CSS property to change the background color of an element to Hex 589076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589076 }
```

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

```
.background{ background-color:#589076 }
```

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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