

# Converting Colors

Hex(598217)

Have a look what the booklet for  
Hex(598217) contains.

<b>Hex(598217)</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(598217)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	598217
RGB	89, 130, 23
RGB Percent	35%, 51%, 9%
CMY	0.6510, 0.4902, 0.9098
CMYK	0.32, 0.00, 0.82, 0.49
HSL	83°, 70%, 30%
HSV	83°, 82%, 51%
XYZ	12.2571, 18.1510, 3.6681
YIQ	105.5430, 9.9110, -41.9690

# Conversions

## Conversions Part 2

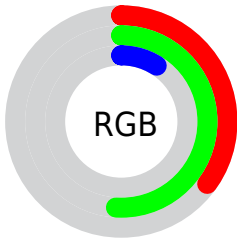
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 130, 64
Decimal	5866007
CIELab	49.68, -30.49, 48.65
CIELCh	50, 57.409, 122.076
Yxy	18.1510, 0.3597, 0.5327
Android (android.graphics.Color)	4284056087 (0xFF598217)
YUV	105.5430, -40.6937, -14.5082
Hunter-Lab	42.6040, -23.2027, 24.7181

# Details


The Hex color **598217** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **401782**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8FB74D**, and **255000** is the 20% darker color. If you saturate the color by 10%, you get **54820A**, and if you desaturate by 10%, it is **5E8224**.

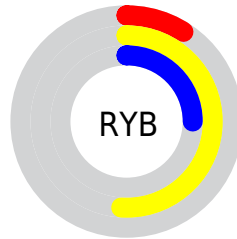
# Distribution



 Red (35%)

 Green (51%)

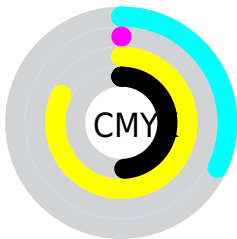
 Blue (9%)




 Red (9%)

 Yellow (51%)

 Blue (25%)

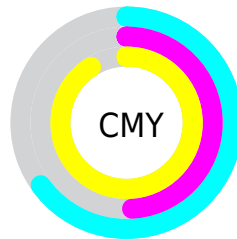


 Cyan (32%)

 Magenta (0%)

 Yellow (82%)

 Black (49%)



 Cyan (65%)

 Magenta (49%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 598217 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 598217 by changing the saturation by 10% instead.



 598217

 598217

FFFFFF

 3F6900

 8FB74D

 255000

 AAD367

 053900

 C7EF81

 002400

 E3FF9C

 000000

 FFFF88

 FFFFD4

 FFFFF1

 598217

 598217

■ 54820A

■ 5E8224

■ 508200

■ 638231

■ 68823E

■ 6D824B

■ 728258

■ 778265

■ 7C8272

■ 81827F

■ 86828C

# Harmonies

## Analogous

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



8A7500



598217



008946

# Triad

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



598217



0087CC



CB4475

# Complementary

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



598217



401782

# 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.



B351A5



598217



007BD8

# Square

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



598217



008CA9



7A68C9



C94D45

# Rectangle

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



598217



008C67



7A68C9



C74685



# Sweetspot

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



598217



98A87E



823E17



4A543B



D4D4D4



545454



# Same Dimension

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



598217



68A802



258217



3D4039



4F8000



000000



# Inverse Universe

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



401782



4202A8



741782



3C3940



310080



000000



# Previews

## White Background



This preview shows how the Hex color 598217 looks on a white background.

## Color Contrast Check

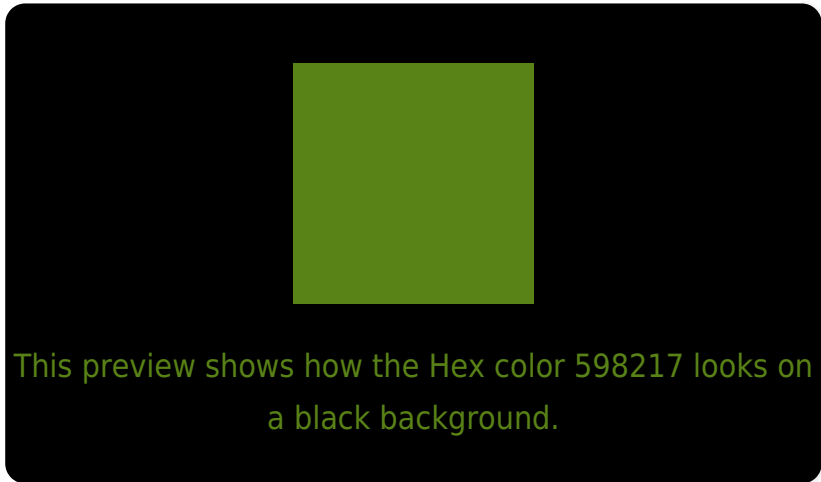
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

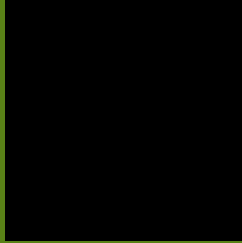
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 598217 Background



This preview shows how black text looks on a background with the Hex color 598217.



This preview shows how white text looks on a background with the Hex color 598217.

# 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



**Original Color**  
598217

**Protanopia**  
857614

**Deuteranopia**  
947021



**Tritanopia**  
667983

# Trichromacy



**Original Color**  
598217

**Protanomaly**  
757A15

**Deuteranomaly**  
7F771D

**Tritanomaly**  
617C5C

# Monochromacy



**Original Color**  
598217

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
64734C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 598217 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 #598217 looks like.

```
.text, #text, p{  
    color:#598217  
}
```

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 #598217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598217
}
```

## Border

The CSS property to change the border of an element to Hex 598217 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
#598217 }
```

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

```
.border{ border-color:#598217 }
```

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

Here you see how a box with a 4 pixel #598217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598217; -webkit-box-shadow:4px 4px  
4px 4px #598217; box-shadow:4px 4px 4px  
4px #598217 }
```

# Background

The CSS property to change the background color of an element to Hex 598217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598217 }
```

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

```
.background{ background-color:#598217 }
```

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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