

# Converting Colors

Hex(599912)

Have a look what the booklet for  
Hex(599912) contains.

<b>Hex(599912)</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(599912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	599912
RGB	89, 153, 18
RGB Percent	35%, 60%, 7%
CMY	0.6510, 0.4000, 0.9294
CMYK	0.42, 0.00, 0.88, 0.40
HSL	88°, 79%, 34%
HSV	88°, 88%, 60%
XYZ	15.6202, 24.9500, 4.5648
YIQ	118.4740, 5.1910, -55.5530

# Conversions

## Conversions Part 2

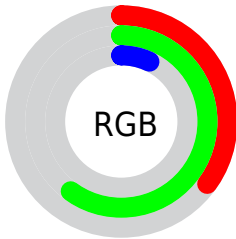
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 153, 82
Decimal	5871890
CIELab	57.03, -40.89, 56.43
CIELCh	57, 69.690, 125.931
Yxy	24.9500, 0.3461, 0.5528
Android (android.graphics.Color)	4284061970 (0xFF599912)
YUV	118.4740, -49.5337, -25.8487
Hunter-Lab	49.9500, -31.5923, 29.5466

# Details

The Hex color **599912** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **521299**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **91D04E**, and **1F6500** is the 20% darker color. If you saturate the color by 10%, you get **529903**, and if you desaturate by 10%, it is **609921**.

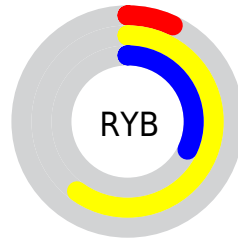
# Distribution



Red (35%)

Green (60%)

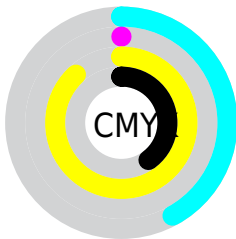
Blue (7%)



Red (7%)

Yellow (60%)

Blue (32%)

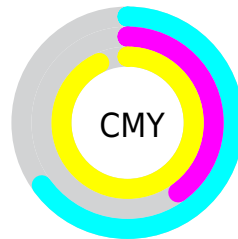


Cyan (42%)

Magenta (0%)

Yellow (88%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 599912 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 599912 by changing the saturation by 10% instead.



 599912

 599912

FFFFFF

 3D7F00

 91D04E

 1F6500

 ADEC69

 004D00

 CAFF84

 003500

 E7FFA0

 002000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 599912

 599912

■ 529903

■ 609921

■ 509900

■ 689931

■ 6F9940

■ 76994F

■ 7D995E

■ 85996E

■ 8C997D

■ 93998C

■ 9A999C

# Harmonies

## Analogous

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



9A8A00



599912



00A154

# Triad

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



599912



009CF8



F3457F

# Complementary

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



599912



521299

# 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.



DA54BC



599912



008CFF

# Square

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



599912



00A3CF



9873EC



EC5745

# Rectangle

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



599912



00A47E



9873EC



EF4794



# Sweetspot

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



599912



AEC793



995112



556345



E3E3E3



636363



# Same Dimension

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



599912



69C700



169912



494D45



4A8C00



070D00



# Inverse Universe

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



521299



5E00C7



951299



48454D



42008C



06000D



# Previews

## White Background



This preview shows how the Hex color 599912 looks on a white background.

## Color Contrast Check

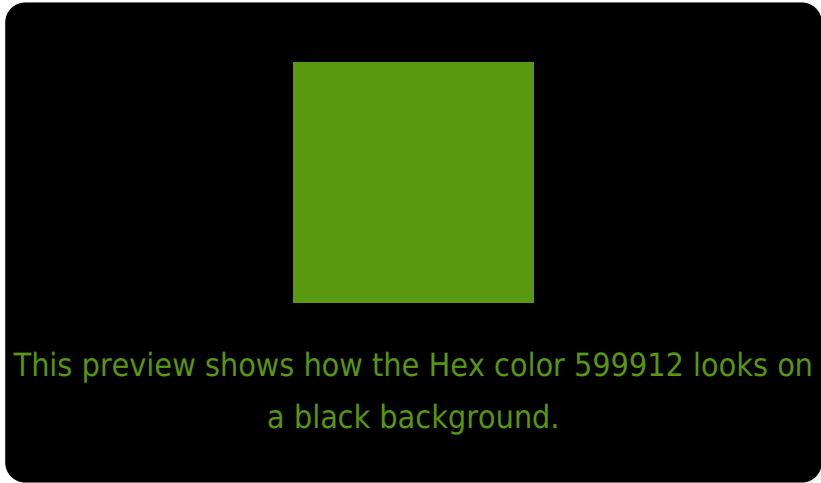
Large Text (above 18pt) WCAG AA ✓ Pass

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 599912 Background



This preview shows how black text looks on a background with the Hex color 599912.



This preview shows how white text looks on a background with the Hex color 599912.

# 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](#).

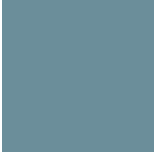
## Dichromacy



**Original Color**  
599912

**Protanopia**  
9A890C

**Deuteranopia**  
AB8123



**Tritanopia**  
6B8E9A

# Trichromacy



**Original Color**  
599912

**Protanomaly**  
828F0E

**Deuteranomaly**  
8D8A1D

**Tritanomaly**  
649269

# Monochromacy



**Original Color**  
599912

**Achromatopsia**  
767676

**Achromatomaly**  
6B8352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 599912 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 #599912 looks like.

```
.text, #text, p{  
    color:#599912  
}
```

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 #599912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599912
}
```

## Border

The CSS property to change the border of an element to Hex 599912 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
#599912 }
```

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

```
.border{ border-color:#599912 }
```

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

Here you see how a box with a 4 pixel #599912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599912; -webkit-box-shadow:4px 4px  
4px 4px #599912; box-shadow:4px 4px 4px  
4px #599912 }
```

# Background

The CSS property to change the background color of an element to Hex 599912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599912 }
```

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

```
.background{ background-color:#599912 }
```

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