

# Converting Colors

Hex(596F10)

Have a look what the booklet for  
Hex(596F10) contains.

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**Color**

**Hex(596F10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	596F10
RGB	89, 111, 16
RGB Percent	35%, 44%, 6%
CMY	0.6510, 0.5647, 0.9373
CMYK	0.20, 0.00, 0.86, 0.56
HSL	74°, 75%, 25%
HSV	74°, 86%, 44%
XYZ	9.8978, 13.5301, 2.5801
YIQ	93.5920, 17.3830, -34.2090

# Conversions

## Conversions Part 2

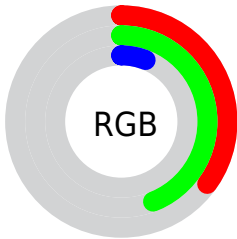
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 111, 38
Decimal	5861136
CIE <sub>Lab</sub>	43.55, -21.45, 45.23
CIE <sub>LCh</sub>	44, 50.058, 115.374
Yxy	13.5301, 0.3806, 0.5202
Android (android.graphics.Color)	4284051216 (0xFF596F10)
YUV	93.5920, -38.2529, -4.0272
Hunter-Lab	36.7833, -16.3394, 21.5895

# Details

The Hex color **596F10** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **26106F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8EA345**, and **273F00** is the 20% darker color. If you saturate the color by 10%, you get **566F05**, and if you desaturate by 10%, it is **5C6F1B**.

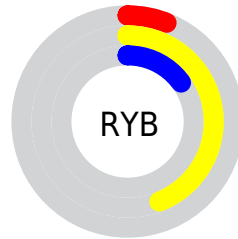
# Distribution



Red (35%)

Green (44%)

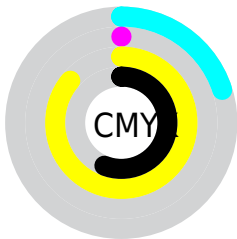
Blue (6%)



Red (6%)

Yellow (44%)

Blue (15%)

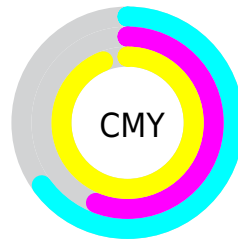


Cyan (20%)

Magenta (0%)

Yellow (86%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 596F10 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 596F10 by changing the saturation by 10% instead.



 596F10

 596F10

FFFFFF

 405700

 8EA345

 273F00

 A9BE5F

 0D2900

 C5DA79

 001500

 E2F693

 000000

 FFFFAF

 FFFFCA

 FFFFEE

 596F10

 596F10

■ 566F05

■ 5C6F1B

■ 556F00

■ 5E6F26

■ 616F31

■ 636F3C

■ 666F48

■ 686F53

■ 6B6F5E

■ 6E6F69

■ 706F74

# Harmonies

## Analogous

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



816303



596F10



1B7635

# Triad

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



596F10



0077AB



AD3E6F

# Complementary

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



596F10



26106F

# 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.



934C97



596F10



006EBA

# Square

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



596F10



007A89



5A5FB2



B04246

# Rectangle

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



596F10



007950



5A5FB2



A7417D



# Sweetspot

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



596F10



89916C



6F2510



454A33



C9C9C9



4A4A4A



# Same Dimension

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



596F10



709100



2B6F10



373832



5C7800



BEF700



# Inverse Universe

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



26106F



220091



54106F



343238



1C0078



3900F7



# Previews

## White Background



This preview shows how the Hex color 596F10 looks on a white background.

## Color Contrast Check

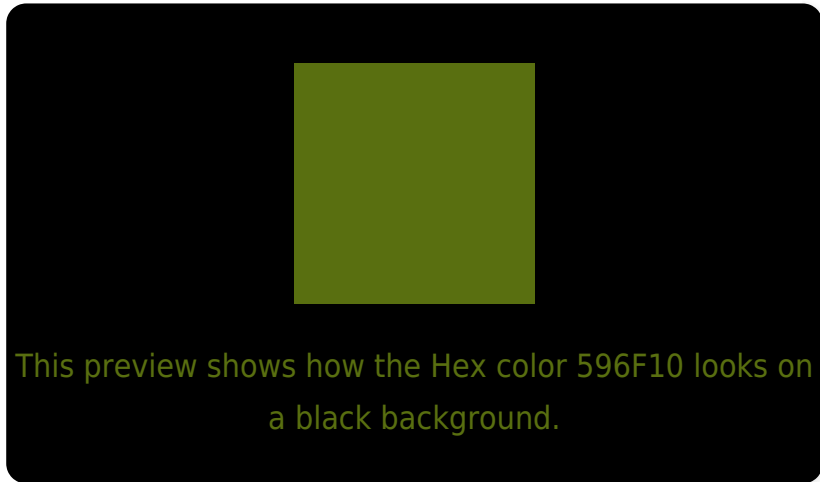
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

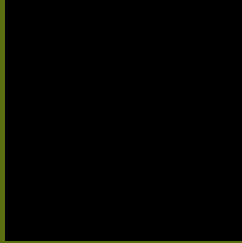
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 596F10 Background



This preview shows how black text looks on a background with the Hex color 596F10.



This preview shows how white text looks on a background with the Hex color 596F10.

# 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**  
596F10

**Protanopia**  
74670E

**Deuteranopia**  
816119



**Tritanopia**  
62676F

# Trichromacy



**Original Color**  
596F10

**Protanomaly**  
6A6A0F

**Deuteranomaly**  
726616

**Tritanomaly**  
5F6A4C

# Monochromacy



**Original Color**  
596F10

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5C6442

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 596F10 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 #596F10 looks like.

```
.text, #text, p{  
    color:#596F10  
}
```

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 #596F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596F10
}
```

## Border

The CSS property to change the border of an element to Hex 596F10 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
#596F10 }
```

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

```
.border{ border-color:#596F10 }
```

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

Here you see how a box with a 4 pixel #596F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596F10; -webkit-box-shadow:4px 4px  
4px 4px #596F10; box-shadow:4px 4px 4px  
4px #596F10 }
```

# Background

The CSS property to change the background color of an element to Hex 596F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596F10 }
```

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

```
.background{ background-color:#596F10 }
```

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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