

# Converting Colors

Hex(6ECC10)

Have a look what the booklet for  
Hex(6ECC10) contains.

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# Color

Hex(6ECC10)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6ECC10
RGB	110, 204, 16
RGB Percent	43%, 80%, 6%
CMY	0.5686, 0.2000, 0.9373
CMYK	0.46, 0.00, 0.92, 0.20
HSL	90°, 85%, 43%
HSV	90°, 92%, 80%
XYZ	28.1168, 46.5381, 7.9911
YIQ	154.4620, 4.3240, -78.3960

# Conversions

## Conversions Part 2

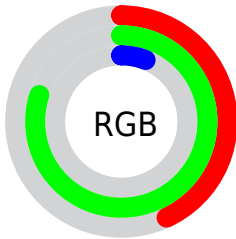
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 204, 110
Decimal	7261200
CIELab	73.89, -54.32, 71.25
CIELCh	74, 89.595, 127.319
Yxy	46.5381, 0.3402, 0.5631
Android (android.graphics.Color)	4285451280 (0xFF6ECC10)
YUV	154.4620, -68.2618, -38.9932
Hunter-Lab	68.2189, -45.8132, 40.8081

# Details

The Hex color **6ECC10** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6E10CC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A9FF57**, and **2D9500** is the 20% darker color. If you saturate the color by 10%, you get **66CC00**, and if you desaturate by 10%, it is **78CC24**.

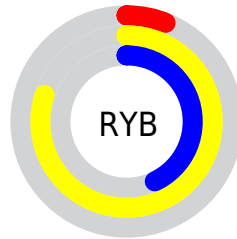
# Distribution



Red (43%)

Green (80%)

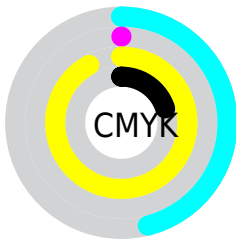
Blue (6%)



Red (6%)

Yellow (80%)

Blue (43%)

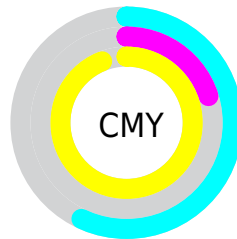


Cyan (46%)

Magenta (0%)

Yellow (92%)

Black (20%)



Cyan (57%)

Magenta (20%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ECC10 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 6ECC10 by changing the saturation by 10% instead.



 6ECC10

 6ECC10

FFFFFF

 4FB000

 A9FF57

 2D9500

 C7FF74

 007A00

 E5FF90

 006100

 FFFFAD

 004800

 FFFFCA

 003100

 FFFFEB

 001600

 000000

 6ECC10

 6ECC10

■ 66CC00

■ 78CC24

■ 82CC39

■ 8DCC4D

■ 97CC62

■ A1CC76

■ ABCC8A

■ B5CC9F

■ C0CCB3

■ CACCC8

# Harmonies

## Analogous

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



C8B900



6ECC10



00D672

# Triad

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



6ECC10



00CFFF



FF56A5

# Complementary

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



6ECC10



6E10CC

# 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.



FF6BF7



6ECC10



00B9FF

# Square

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



6ECC10



00D9FF



CF96FF



FF7256

# Rectangle

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



6ECC10



00D9AB



CF96FF



FF57C1

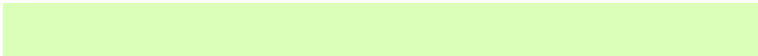


# Sweetspot

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



6ECC10



DBFFB8



CC6E10



6A8054



000000



808080



# Same Dimension

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



6ECC10



80FF00



10CC10



61665C



53A600



132600



# Inverse Universe

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



6E10CC



8000FF



CC10CC



615C66



5300A6



130026



# Previews

## White Background



This preview shows how the Hex color 6ECC10 looks on a white background.

## Color Contrast Check

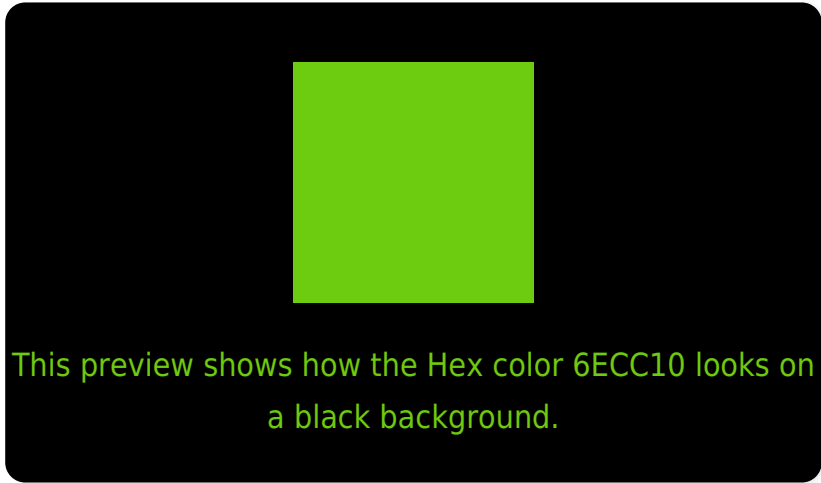
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 6ECC10 Background



This preview shows how black text looks on a background with the Hex color 6ECC10.

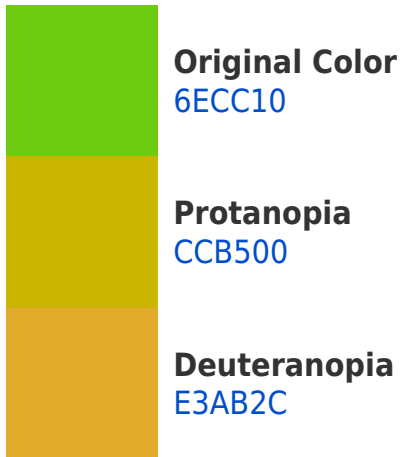


This preview shows how white text looks on a background with the Hex color 6ECC10.

# 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**  
87BECD

# Trichromacy



**Original Color**  
6ECC10



**Protanomaly**  
AABD06



**Deuteranomaly**  
B8B722



**Tritanomaly**  
7EC388

# Monochromacy



**Original Color**  
6ECC10



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
8AAC68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ECC10 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 #6ECC10 looks like.

```
.text, #text, p{  
    color:#6ECC10  
}
```

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 #6ECC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECC10
}
```

## Border

The CSS property to change the border of an element to Hex 6ECC10 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
#6ECC10 }
```

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

```
.border{ border-color:#6ECC10 }
```

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

Here you see how a box with a 4 pixel #6ECC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECC10; -webkit-box-shadow:4px 4px  
4px 4px #6ECC10; box-shadow:4px 4px 4px  
4px #6ECC10 }
```

# Background

The CSS property to change the background color of an element to Hex 6ECC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECC10 }
```

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

```
.background{ background-color:#6ECC10 }
```

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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