

# Converting Colors

Hex(6ECC29)

Have a look what the booklet for  
Hex(6ECC29) contains.

<b>Hex(6ECC29)</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(6ECC29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ECC29
RGB	110, 204, 41
RGB Percent	43%, 80%, 16%
CMY	0.5686, 0.2000, 0.8392
CMYK	0.46, 0.00, 0.80, 0.20
HSL	95°, 67%, 48%
HSV	95°, 80%, 80%
XYZ	28.4235, 46.6608, 9.6062
YIQ	157.3120, -3.7010, -70.6210

# Conversions

## Conversions Part 2

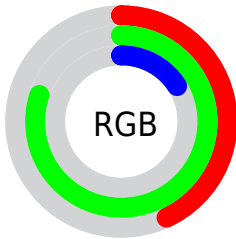
Format	Color
<a href="#">RYB</a>	<a href="#">41, 204, 135</a>
Decimal	<a href="#">7261225</a>
CIELab	<a href="#">73.97, -53.45, 66.09</a>
CIELCh	<a href="#">74, 84.999, 128.964</a>
Yxy	<a href="#">46.6608, 0.3356, 0.5510</a>
Android (android.graphics.Color)	<a href="#">4285451305 (0xFF6ECC29)</a>
YUV	<a href="#">157.3120, -57.3418, -41.4926</a>
Hunter-Lab	<a href="#">68.3087, -45.2658, 39.4782</a>

# Details

The Hex color **6ECC29** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8729CC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A9FF65**, and **2F9500** is the 20% darker color. If you saturate the color by 10%, you get **62CC15**, and if you desaturate by 10%, it is **7ACC3D**.

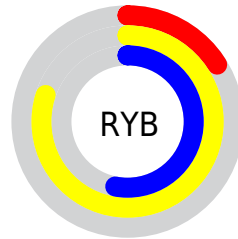
# Distribution



Red (43%)

Green (80%)

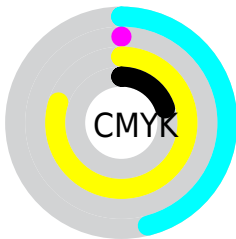
Blue (16%)



Red (16%)

Yellow (80%)

Blue (53%)

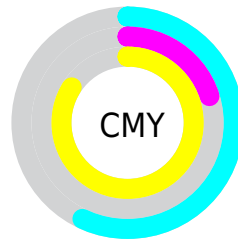


Cyan (46%)

Magenta (0%)

Yellow (80%)

Black (20%)



Cyan (57%)

Magenta (20%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ECC29 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 6ECC29 by changing the saturation by 10% instead.



 6ECC29

 6ECC29

FFFFFF

 50B000


 A9FF65

 2F9500

 C6FF81

 007A00

 E4FF9D

 006100

 FFFFB9

 004800

 FFFFD6

 003100

 FFFFF4

 001600

 000000

 6ECC29

 6ECC29

■ 62CC15

■ 7ACC3D

■ 56CC00

■ 86CC52

■ 91CC66

■ 9DCC7B

■ A9CC8F

■ B5CCA3

■ C0CCB8

■ CCCCCC

■ D8CCE1

# Harmonies

## Analogous

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



C4BA00



6ECC29



00D67A

# Triad

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



6ECC29



00CDFE



FF60A2

# Complementary

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



6ECC29



8729CC

# 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.



FF6FF0



6ECC29



00B8FF

# Square

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



6ECC29



00D7FF



D596FF



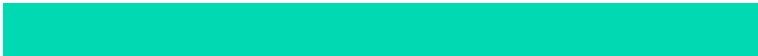
FF7957

# Rectangle

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



6ECC29



00D9B1



D596FF



FF61BC

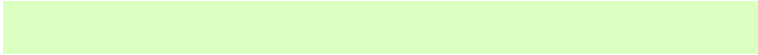


# Sweetspot

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



6ECC29



DCFFC2



CC8529



6A805B



000000



808080



# Same Dimension

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



6ECC29



72FF0A



29CC34



60665C



46A600



102600



# Inverse Universe

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



8729CC



970AFF



CC29C1



625C66



6000A6



160026



# Previews

## White Background



This preview shows how the Hex color 6ECC29 looks on a white background.

## Color Contrast Check

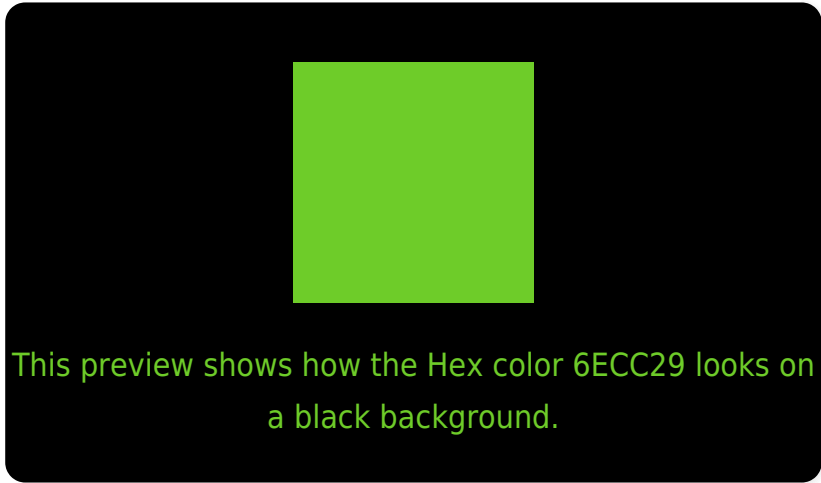
Large Text (above 18pt) WCAG AA × Fail

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 6ECC29 Background



This preview shows how black text looks on a background with the Hex color 6ECC29.



This preview shows how white text looks on a background with the Hex color 6ECC29.

# 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**  
6ECC29

**Protanopia**  
CBB523

**Deuteranopia**  
E2AC39



**Tritanopia**  
87BECD

# Trichromacy



**Original Color**  
6ECC29



**Protanomaly**  
A9BD25



**Deuteranomaly**  
B8B833



**Tritanomaly**  
7EC391

# Monochromacy



**Original Color**  
6ECC29



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
8CAE73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ECC29 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 #6ECC29 looks like.

```
.text, #text, p{  
    color:#6ECC29  
}
```

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 #6ECC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECC29
}
```

## Border

The CSS property to change the border of an element to Hex 6ECC29 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
#6ECC29 }
```

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

```
.border{ border-color:#6ECC29 }
```

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

Here you see how a box with a 4 pixel #6ECC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECC29; -webkit-box-shadow:4px 4px  
4px 4px #6ECC29; box-shadow:4px 4px 4px  
4px #6ECC29 }
```

# Background

The CSS property to change the background color of an element to Hex 6ECC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECC29 }
```

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

```
.background{ background-color:#6ECC29 }
```

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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