

# Converting Colors

Hex(6EDC57)

Have a look what the booklet for  
Hex(6EDC57) contains.

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**Color**

**Hex(6EDC57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EDC57
RGB	110, 220, 87
RGB Percent	43%, 86%, 34%
CMY	0.5686, 0.1373, 0.6588
CMYK	0.50, 0.00, 0.60, 0.14
HSL	110°, 66%, 60%
HSV	110°, 60%, 86%
XYZ	33.7439, 55.1895, 17.8910
YIQ	171.9480, -22.8670, -64.6830

# Conversions

## Conversions Part 2

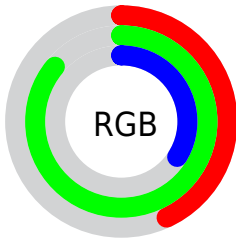
Format	Color
<a href="#">RYB</a>	<a href="#">87, 220, 197</a>
Decimal	<a href="#">7265367</a>
CIELab	<a href="#">79.15, -56.09, 54.51</a>
CIELCh	<a href="#">79, 78.211, 135.818</a>
Yxy	<a href="#">55.1895, 0.3159, 0.5166</a>
Android (android.graphics.Color)	<a href="#">4285455447</a> ( <a href="#">0xFF6EDC57</a> )
YUV	<a href="#">171.9480, -41.8794, -54.3284</a>
Hunter-Lab	<a href="#">74.2896, -48.9285, 37.7241</a>

# Details

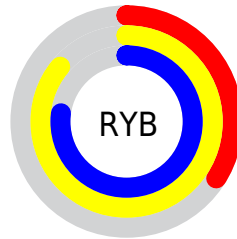
The Hex color **6EDC57** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C557DC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9FF8D**, and **2DA41F** is the 20% darker color. If you saturate the color by 10%, you get **5CDC41**, and if you desaturate by 10%, it is **80DC6D**.

# Distribution



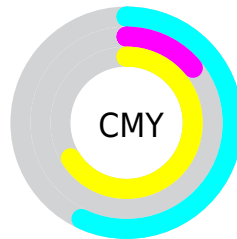
- Red (43%)
- Green (86%)
- Blue (34%)



- Red (34%)
- Yellow (86%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (60%)
- Black (14%)



- Cyan (57%)
- Magenta (14%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EDC57 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 6EDC57 by changing the saturation by 10% instead.



 6EDC57

 6EDC57

FFFFFF

 50C03C


 A9FF8D

 2DA41F

 C6FFA9

 008900

 E4FFC5

 006F00

 FFFFE2

 005500

 003D00

 002600

 000000

 6EDC57

 6EDC57

 5CDC41

 80DC6D

 4ADC2B

 92DC83

 37DC15

 A5DC99

 26DC00

 B7DCAF

 C9DCC5

 DBDCDB

 EDDCF1

 FFDCFF

# Harmonies

## Analogous

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



C4CC1E



6EDC57



00E49E

# Triad

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



6EDC57



00D6FF



FF7EA1

# Complementary

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



6EDC57



C557DC

# 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.



FF82EA



6EDC57



7CBFFF

# Square

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



6EDC57



00E2FF



F89FFF



FF965E

# Rectangle

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



6EDC57



00E6D1



F89FFF



FF7CB9

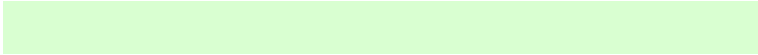


# Sweetspot

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



6EDC57



D9FFD1



DCC457



688063



000000



808080



# Same Dimension

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



6EDC57



65FF45



57DC81



656E63



1EAD00



082E00



# Inverse Universe

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



C557DC



DF45FF



DC57B2



6C636E



8F00AD



26002E



# Previews

## White Background



This preview shows how the Hex color 6EDC57 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



This preview shows how the Hex color 6EDC57 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

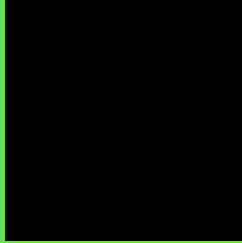
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EDC57 Background



This preview shows how black text looks on a background with the Hex color 6EDC57.

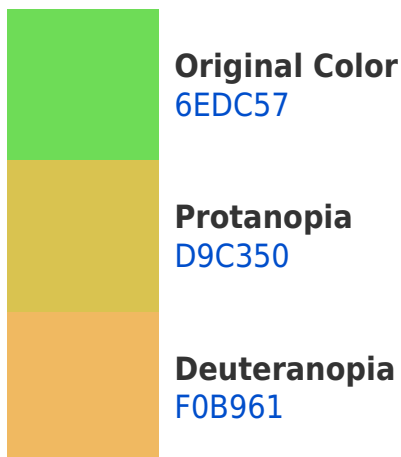


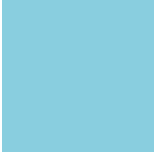
This preview shows how white text looks on a background with the Hex color 6EDC57.

# 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**  
89CEDF

# Trichromacy



**Original Color**  
6EDC57



**Protanomaly**  
B2CC53



**Deuteranomaly**  
C1C65D



**Tritanomaly**  
7FD3AE

# Monochromacy



**Original Color**  
6EDC57



**Achromatopsia**  
ACACAC



**Achromatomaly**  
95BD8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EDC57 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 #6EDC57 looks like.

```
.text, #text, p{  
    color:#6EDC57  
}
```

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 #6EDC57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EDC57
}
```

## Border

The CSS property to change the border of an element to Hex 6EDC57 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
#6EDC57 }
```

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

```
.border{ border-color:#6EDC57 }
```

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

Here you see how a box with a 4 pixel #6EDC57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EDC57; -webkit-box-shadow:4px 4px  
4px 4px #6EDC57; box-shadow:4px 4px 4px  
4px #6EDC57 }
```

# Background

The CSS property to change the background color of an element to Hex 6EDC57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EDC57 }
```

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

```
.background{ background-color:#6EDC57 }
```

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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