

Converting Colors

Hex(6CD177)

Have a look what the booklet for
Hex(6CD177) contains.

Hex(6CD177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6CD177)

Conversions

Conversions Part 1

Format	Color
Hex	6CD177
RGB	108, 209, 119
RGB Percent	42%, 82%, 47%
CMY	0.5765, 0.1804, 0.5333
CMYK	0.48, 0.00, 0.43, 0.18
HSL	127°, 52%, 62%
HSV	127°, 48%, 82%
XYZ	32.3146, 50.1210, 25.4239
YIQ	168.5410, -31.3060, -49.4020

Conversions

Conversions Part 2

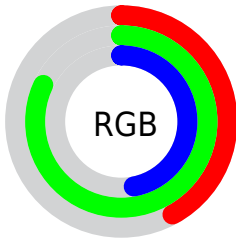
Format	Color
RYB	108, 199, 209
Decimal	7131511
CIELab	76.14, -48.20, 35.71
CIELCh	76, 59.987, 143.464
Yxy	50.1210, 0.2996, 0.4647
Android (android.graphics.Color)	4285321591 (0xFF6CD177)
YUV	168.5410, -24.4237, -53.0945
Hunter-Lab	70.7962, -42.4178, 28.2654

Details

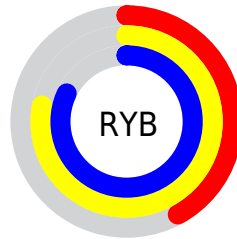
The Hex color **6CD177** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D16CC6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5FFAC**, and **309A45** is the 20% darker color. If you saturate the color by 10%, you get **57D164**, and if you desaturate by 10%, it is **81D18A**.

Distribution



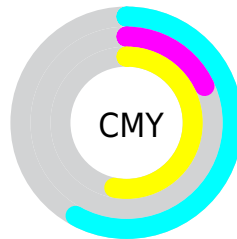
- Red (42%)
- Green (82%)
- Blue (47%)



- Red (42%)
- Yellow (78%)
- Blue (82%)



- Cyan (48%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD177 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 6CD177 by changing the saturation by 10% instead.

 6CD177

 6CD177

FFFFFF

 4FB55D

 A5FFAC

 309A45

 C2FFC8

 007F2C

 DFFFE4

 006513

FDFFFF

 004C00

 003400

 001E00

 000000

 6CD177

 6CD177

■ 57D164

■ 81D18A

■ 42D152

■ 96D19C

■ 2DD13F

■ ABD1AF

■ 18D12D

■ C0D1C1

■ 04D11A

■ D5D1D4

■ 00D117

■ E9D1E7

■ FED1F9

■ FFD1FF

Harmonies

Analogous

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



B0C650



6CD177



00D7AD

Triad

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



6CD177



00C5FF



FF8F93

Complementary

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



6CD177



D16CC6

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.



FF8CCA



6CD177



ABB2FF

Square

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



6CD177



00D2FF



F49CFE



FFA064

Rectangle

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



6CD177



00D7D4



F49CFE



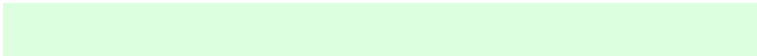
FF8CA5

Sweetspot

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



6CD177



DBFFDF



C7D16C



6A806C



000000



808080

Same Dimension

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



6CD177



6BFF7B



6CD1A9



5E695F



00A812



002904

Inverse Universe

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



D16CC6



FF6BEF



D16C94



695E67



A80096



290024

Previews

White Background



This preview shows how the Hex color 6CD177 looks on a white background.

Color Contrast Check

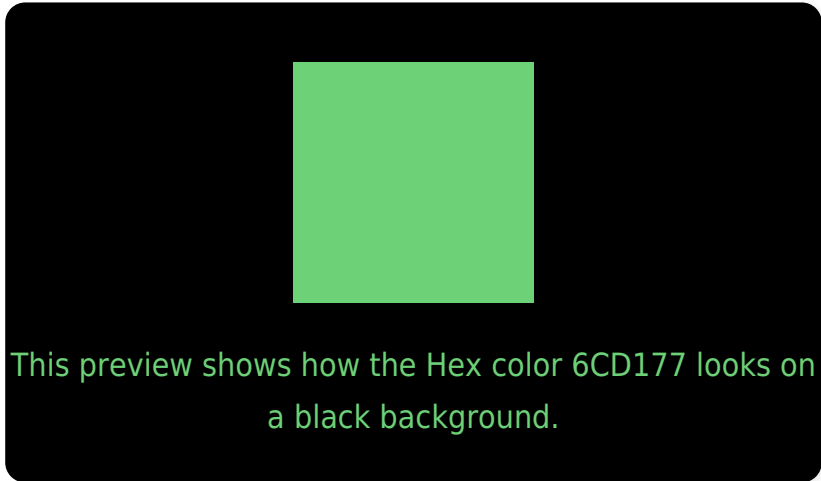
Large Text (above 18pt) WCAG AA × Fail

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

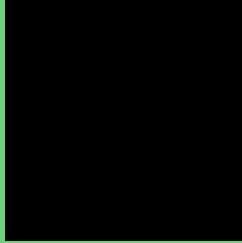
Any Text WCAG AA ✓ Pass

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 6CD177 Background



This preview shows how black text looks on a background with the Hex color 6CD177.

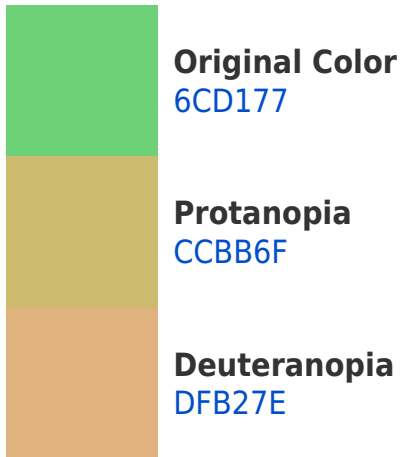


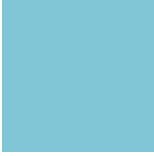
This preview shows how white text looks on a background with the Hex color 6CD177.

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
81C6D6

Trichromacy



Original Color
6CD177



Protanomaly
A9C372



Deuteranomaly
B5BD7B



Tritanomaly
79CAB3

Monochromacy



Original Color
6CD177



Achromatopsia
A9A9A9



Achromatomaly
93B897

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD177 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 #6CD177 looks like.

```
.text, #text, p{  
    color:#6CD177  
}
```

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 #6CD177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD177
}
```

Border

The CSS property to change the border of an element to Hex 6CD177 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
#6CD177 }
```

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

```
.border{ border-color:#6CD177 }
```

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

Here you see how a box with a 4 pixel #6CD177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD177; -webkit-box-shadow:4px 4px  
4px 4px #6CD177; box-shadow:4px 4px 4px  
4px #6CD177 }
```

Background

The CSS property to change the background color of an element to Hex 6CD177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD177 }
```

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

```
.background{ background-color:#6CD177 }
```

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