

Converting Colors

Hex(6CD172)

Have a look what the booklet for
Hex(6CD172) contains.

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Color

Hex(6CD172)

Conversions

Conversions Part 1

Format	Color
Hex	6CD172
RGB	108, 209, 114
RGB Percent	42%, 82%, 45%
CMY	0.5765, 0.1804, 0.5529
CMYK	0.48, 0.00, 0.45, 0.18
HSL	124°, 52%, 62%
HSV	124°, 48%, 82%
XYZ	32.0221, 50.0040, 23.8836
YIQ	167.9710, -29.7010, -50.9570

Conversions

Conversions Part 2

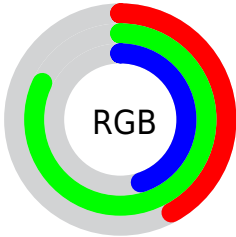
Format	Color
RYB	108, 203, 209
Decimal	7131506
CIELab	76.07, -48.95, 38.13
CIELCh	76, 62.043, 142.082
Yxy	50.0040, 0.3024, 0.4721
Android (android.graphics.Color)	4285321586 (0xFF6CD172)
YUV	167.9710, -26.6077, -52.5946
Hunter-Lab	70.7135, -42.9162, 29.4742

Details

The Hex color **6CD172** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D16CCB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A5FFA7**, and **309A40** is the 20% darker color. If you saturate the color by 10%, you get **57D15E**, and if you desaturate by 10%, it is **81D186**.

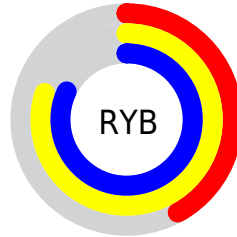
Distribution



Red (42%)

Green (82%)

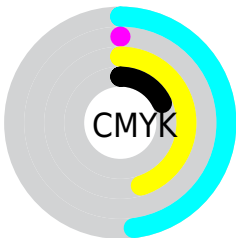
Blue (45%)



Red (42%)

Yellow (80%)

Blue (82%)

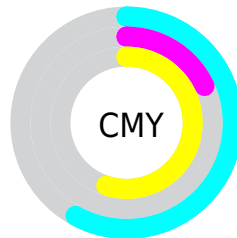


Cyan (48%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (58%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD172 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 6CD172 by changing the saturation by 10% instead.

 6CD172

 6CD172

FFFFFF

 4FB558

 A5FFA7

 309A40

 C2FFC3

 007F27

 DFFFFD

 00650C

 FDFFC

 004C00

 003400


 001D00

 000000

 6CD172

 6CD172

 57D15E

 81D186

 42D14B

 96D199

 2DD137

 ABD1AD

 18D123

 C0D1C1

 04D110

 D5D1D4

 00D10C

 E9D1E8

 FED1FC

 FFD1FF

Harmonies

Analogous

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



B2C54A



6CD172



00D7AA

Triad

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



6CD172



00C6FF



FF8C94

Complementary

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



6CD172



D16CCB

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.



FF8ACD



6CD172



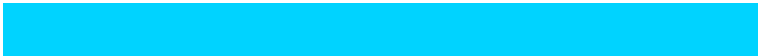
A4B3FF

Square

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



6CD172



00D3FF



F39BFF



FF9D62

Rectangle

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



6CD172



00D8D2



F39BFF



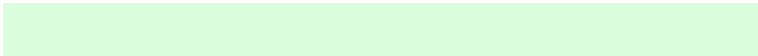
FF89A7

Sweetspot

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



6CD172



DBFFDD



CCD16C



6A806B



000000



808080

Same Dimension

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



6CD172



6BFF74



6CD1A4



5E695F



00A80A



002902

Inverse Universe

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



D16CCB



FF6BF6



D16C99



695E68



A8009E



290026

Previews

White Background



This preview shows how the Hex color 6CD172 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 6CD172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

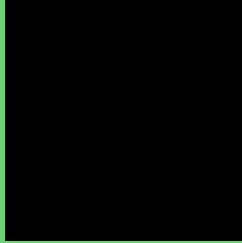
Any Text WCAG AA ✓ Pass

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 6CD172 Background



This preview shows how black text looks on a background with the Hex color 6CD172.

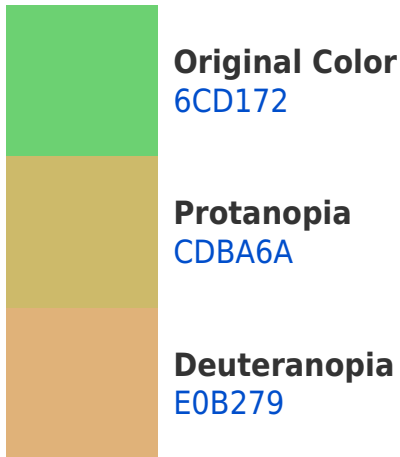


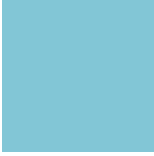
This preview shows how white text looks on a background with the Hex color 6CD172.

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
82C6D6

Trichromacy



Original Color
6CD172



Protanomaly
AAC26D



Deuteranomaly
B6BD76



Tritanomaly
7ACAB2

Monochromacy



Original Color
6CD172



Achromatopsia
A8A8A8



Achromatomaly
92B794

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD172 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 #6CD172 looks like.

```
.text, #text, p{  
    color:#6CD172  
}
```

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 #6CD172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD172
}
```

Border

The CSS property to change the border of an element to Hex 6CD172 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
#6CD172 }
```

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

```
.border{ border-color:#6CD172 }
```

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

Here you see how a box with a 4 pixel #6CD172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD172; -webkit-box-shadow:4px 4px  
4px 4px #6CD172; box-shadow:4px 4px 4px  
4px #6CD172 }
```

Background

The CSS property to change the background color of an element to Hex 6CD172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD172 }
```

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

```
.background{ background-color:#6CD172 }
```

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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