

Converting Colors

Hex(66CDCA)

Have a look what the booklet for
Hex(66CDCA) contains.

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Color

Hex(66CDCA)

Conversions

Conversions Part 1

Format	Color
Hex	66CDCA
RGB	102, 205, 202
RGB Percent	40%, 80%, 79%
CMY	0.6000, 0.1961, 0.2078
CMYK	0.50, 0.00, 0.01, 0.20
HSL	178°, 51%, 60%
HSV	178°, 50%, 80%
XYZ	37.9715, 50.7517, 63.6719
YIQ	173.8610, -60.4250, -22.7690

Conversions

Conversions Part 2

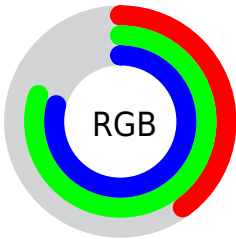
Format	Color
RYB	102, 154, 205
Decimal	6737354
CIELab	76.53, -30.58, -7.72
CIELCh	77, 31.537, 194.161
Yxy	50.7517, 0.2492, 0.3330
Android (android.graphics.Color)	4284927434 (0xFF66CDCA)
YUV	173.8610, 13.8725, -63.0221
Hunter-Lab	71.2402, -29.5288, -3.1230

Details

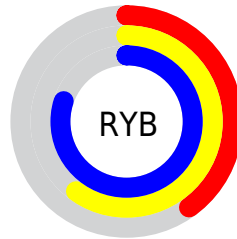
The Hex color **66CDCA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD6669**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A0FFFF**, and **259694** is the 20% darker color. If you saturate the color by 10%, you get **52CDC9**, and if you desaturate by 10%, it is **7BCDCB**.

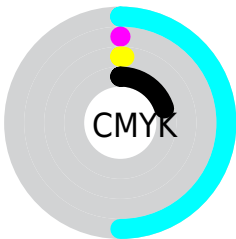
Distribution



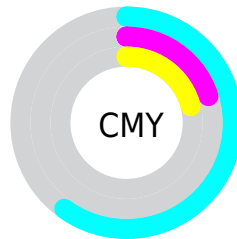
- Red (40%)
- Green (80%)
- Blue (79%)



- Red (40%)
- Yellow (60%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66CDCA 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 66CDCA by changing the saturation by 10% instead.

 66CDCA

 66CDCA

FFFFFF

 48B1AF

 A0FFFF

 259694

 BDFFFF

 007C7A

 DBFFFF

 006361

 F9FFFF

 004A4A

 003333

 00201E

 000004

 000000

66CDCA

66CDCA

52CDC9

7BCDCB

3DCDC9

8FCDCB

28CDC8

A4CDCC

14CDC8

B8CDCC

00CDC7

CDCDCD

E1CDCE

F6CDCE

FFCDCF

Harmonies

Analogous

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



81CCAC



66CDCA



63CAE4

Triad

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



66CDCA



D2B1E7



DFB685

Complementary

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



66CDCA



CD6669

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.



F2AC95



66CDCA



EDA9CD

Square

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



66CDCA



ABBBF5



F7A7B0



C3BF84

Rectangle

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



66CDCA



75C7F0



F7A7B0



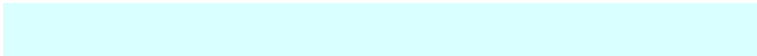
E7B289

Sweetspot

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



66CDCA



D9FFFE



69CD66



69807F



000000



808080

Same Dimension

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



66CDCA



66FFFB



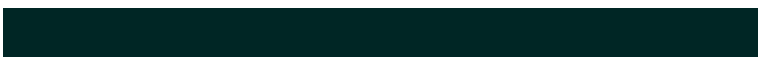
669DCD



5C6666



00A6A1



002625

Inverse Universe

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



CD6669



FF666A



CD9666



665C5C



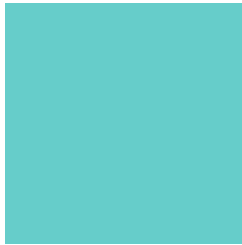
A60005



260001

Previews

White Background



This preview shows how the Hex color 66CDCA looks on a white background.

Color Contrast Check

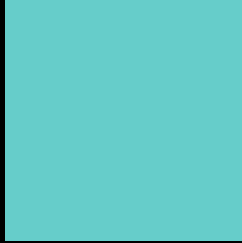
Large Text (above 18pt) WCAG AA × Fail

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 66CDCA 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

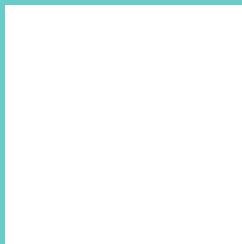
Any Text WCAG AAA ✓ Pass

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

Hex 66CDCA Background



This preview shows how black text looks on a background with the Hex color 66CDCA.

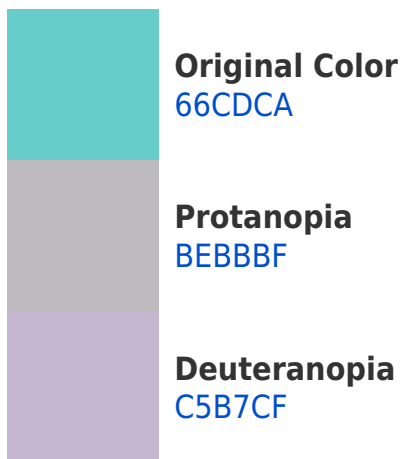


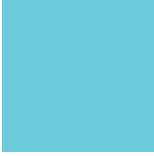
This preview shows how white text looks on a background with the Hex color 66CDCA.

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
6CCADB

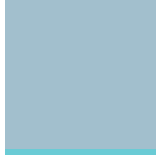
Trichromacy



Original Color
66CDCA



Protanomaly
9EC2C3



Deuteranomaly
A2BFCD

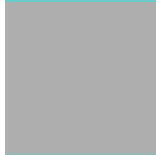


Tritanomaly
6ACBD5

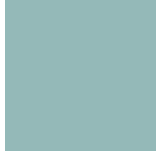
Monochromacy



Original Color
66CDCA



Achromatopsia
AEAEAE



Achromatomaly
94B9B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 66CDCA 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 #66CDCA looks like.

```
.text, #text, p{  
    color:#66CDCA  
}
```

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 #66CDCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CDCA
}
```

Border

The CSS property to change the border of an element to Hex 66CDCA 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
#66CDCA }
```

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

```
.border{ border-color:#66CDCA }
```

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

Here you see how a box with a 4 pixel #66CDCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CDCA; -webkit-box-shadow:4px 4px  
4px 4px #66CDCA; box-shadow:4px 4px 4px  
4px #66CDCA }
```

Background

The CSS property to change the background color of an element to Hex 66CDCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CDCA }
```

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

```
.background{ background-color:#66CDCA }
```

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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