

Converting Colors

Hex(66DDC4)

Have a look what the booklet for
Hex(66DDC4) contains.

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Color

Hex(66DDC4)

Conversions

Conversions Part 1

Format	Color
Hex	66DDC4
RGB	102, 221, 196
RGB Percent	40%, 87%, 77%
CMY	0.6000, 0.1333, 0.2314
CMYK	0.54, 0.00, 0.11, 0.13
HSL	167°, 64%, 63%
HSV	167°, 54%, 87%
XYZ	41.2997, 58.5232, 61.3439
YIQ	182.5690, -62.8990, -33.0030

Conversions

Conversions Part 2

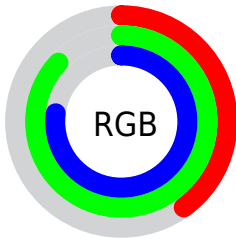
Format	Color
RYB	102, 168, 221
Decimal	6741444
CIELab	81.03, -39.52, 2.11
CIELCh	81, 39.574, 176.948
Yxy	58.5232, 0.2563, 0.3631
Android (android.graphics.Color)	4284931524 (0xFF66DDC4)
YUV	182.5690, 6.6215, -70.6590
Hunter-Lab	76.5005, -37.5103, 6.0071

Details

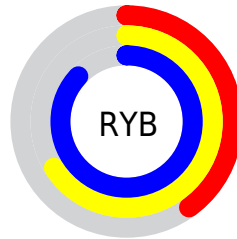
The Hex color **66DDC4** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DD667F**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A1FFFD**, and **21A58E** is the 20% darker color. If you saturate the color by 10%, you get **50DDBF**, and if you desaturate by 10%, it is **7CDDC9**.

Distribution



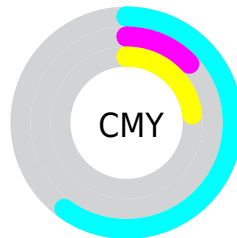
- Red (40%)
- Green (87%)
- Blue (77%)



- Red (40%)
- Yellow (66%)
- Blue (87%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DDC4 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 66DDC4 by changing the saturation by 10% instead.

 66DDC4

 66DDC4

FFFFFF

 47C1A9

 A1FFFD

 21A58E

 BFFFFFF

 008A75

 DDFFFF

 00705C

 FBFFFF

 005745

 003F2F

 00291A

 000700

 000000

 66DDC4

 66DDC4

 50DDBF

 7CDDC9

 3ADDBB

 92DDCD

 24DDB6

 A8DDD2

 0EDDB1

 BEDDD7

 00DDAF

 D5DDDB

 EBDDE0

 FFDDE5

 FFDDE9

 FFDDEE

Harmonies

Analogous

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



94D9A0



66DDC4



41DDE9

Triad

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



66DDC4



C9C1FF



FFB98C

Complementary

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



66DDC4



DD667F

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.



FFAFAA



66DDC4



F5B4F2

Square

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



66DDC4



8FCEFF



FFADCE



E6C67F

Rectangle

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



66DDC4



47DAFE



FFADCE



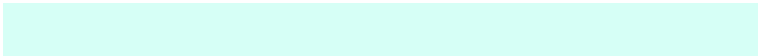
FFB595

Sweetspot

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



66DDC4



D6FFF6



80DD66



67807A



000000



808080

Same Dimension

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



66DDC4



59FFDC



66BBDD



636E6B



00AD89



002E24

Inverse Universe

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



DD667F



FF597C



DD8866



6E6365



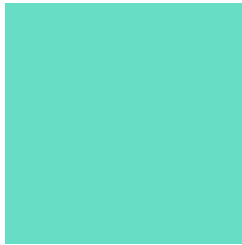
AD0024



2E000A

Previews

White Background



This preview shows how the Hex color 66DDC4 looks on a white background.

Color Contrast Check

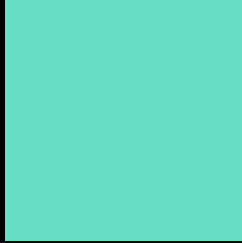
Large Text (above 18pt) WCAG AA × Fail

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 66DDC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

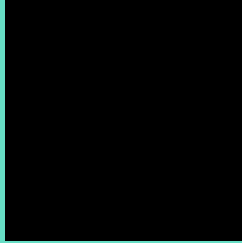
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

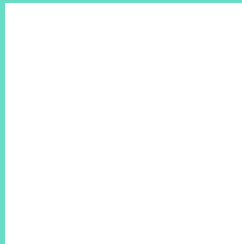
Any Text WCAG AAA ✓ Pass

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

Hex 66DDC4 Background



This preview shows how black text looks on a background with the Hex color 66DDC4.

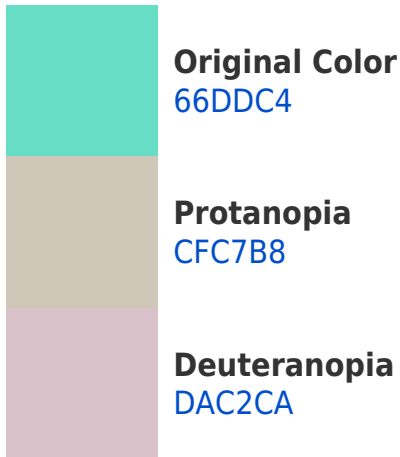


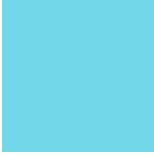
This preview shows how white text looks on a background with the Hex color 66DDC4.

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
72D8E9

Trichromacy



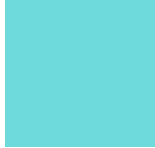
Original Color
66DDC4



Protanomaly
A9CFBC



Deuteranomaly
B0CCC8

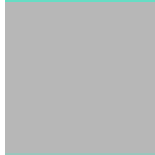


Tritanomaly
6EDADC

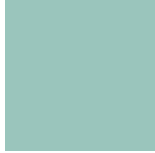
Monochromacy



Original Color
66DDC4



Achromatopsia
B7B7B7



Achromatomaly
9AC5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 66DDC4 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 #66DDC4 looks like.

```
.text, #text, p{  
    color:#66DDC4  
}
```

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 #66DDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DDC4
}
```

Border

The CSS property to change the border of an element to Hex 66DDC4 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
#66DDC4 }
```

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

```
.border{ border-color:#66DDC4 }
```

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

Here you see how a box with a 4 pixel #66DDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DDC4; -webkit-box-shadow:4px 4px  
4px 4px #66DDC4; box-shadow:4px 4px 4px  
4px #66DDC4 }
```

Background

The CSS property to change the background color of an element to Hex 66DDC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DDC4 }
```

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

```
.background{ background-color:#66DDC4 }
```

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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