

Converting Colors

Hex(66D5D7)

Have a look what the booklet for
Hex(66D5D7) contains.

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Color

Hex(66D5D7)

Conversions

Conversions Part 1

Format	Color
Hex	66D5D7
RGB	102, 213, 215
RGB Percent	40%, 84%, 84%
CMY	0.6000, 0.1647, 0.1569
CMYK	0.53, 0.01, 0.00, 0.16
HSL	181°, 59%, 62%
HSV	181°, 53%, 84%
XYZ	41.5395, 55.3196, 72.7784
YIQ	180.0390, -66.7980, -22.9100

Conversions

Conversions Part 2

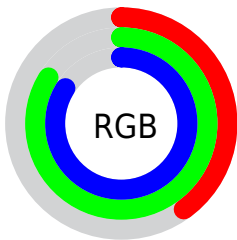
Format	Color
RYB	102, 158, 215
Decimal	6739415
CIELab	79.22, -31.01, -10.69
CIElCh	79, 32.801, 199.015
Yxy	55.3196, 0.2449, 0.3261
Android (android.graphics.Color)	4284929495 (0xFF66D5D7)
YUV	180.0390, 17.2358, -68.4402
Hunter-Lab	74.3771, -30.4681, -5.9515

Details

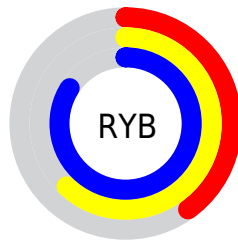
The Hex color **66D5D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D76866**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A1FFFF**, and **209EA0** is the 20% darker color. If you saturate the color by 10%, you get **51D5D7**, and if you desaturate by 10%, it is **7CD5D7**.

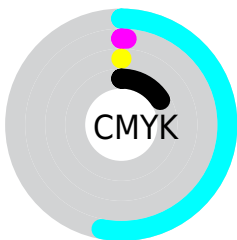
Distribution



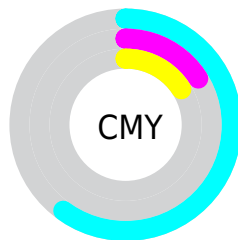
- Red (40%)
- Green (84%)
- Blue (84%)



- Red (40%)
- Yellow (62%)
- Blue (84%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D5D7 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 66D5D7 by changing the saturation by 10% instead.

 66D5D7

 66D5D7

FFFFFF

 47B9BB

 A1FFFF

 209EA0

 BFFFFFF

 008386

 DDFFFF

 006A6D

 FBFFFF

 005155

 00393E

 002528

 000114

 000000

66D5D7

66D5D7

51D5D7

7CD5D7

3BD4D7

91D6D7

25D4D7

A7D6D7

10D3D7

BCD7D7

00D3D7

D2D7D7

E7D7D7

FCD8D7

FFD8D7

Harmonies

Analogous

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



80D4B8



66D5D7



69D2F1

Triad

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



66D5D7



E0B6ED



E4BE89

Complementary

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



66D5D7



D76866

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.



FAB497



66D5D7



F9AFD1

Square

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



66D5D7



B9C0FE



FFAEB2



C6C88A

Rectangle

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



66D5D7



7ECDFC



FFAEB2



ECBB8C

Sweetspot

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



66D5D7



D6FEFF



66D768



677F80



000000



808080

Same Dimension

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



66D5D7



5EFCFF



669DD7



606B6B



00A8AB



002B2B

Inverse Universe

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



D766D5



FF5EFC



D7A066



6B606B



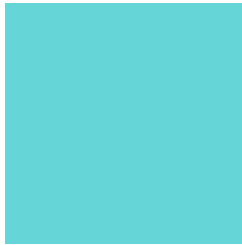
AB00A8



2B002B

Previews

White Background



This preview shows how the Hex color 66D5D7 looks on a white background.

Color Contrast Check

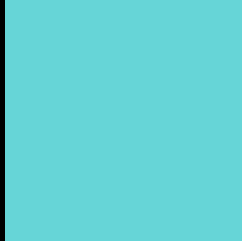
Large Text (above 18pt) WCAG AA × Fail

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 66D5D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

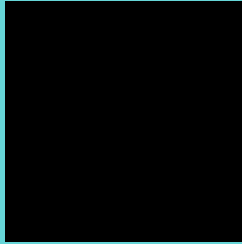
Any Text WCAG AA ✓ Pass

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 66D5D7 Background



This preview shows how black text looks on a background with the Hex color 66D5D7.

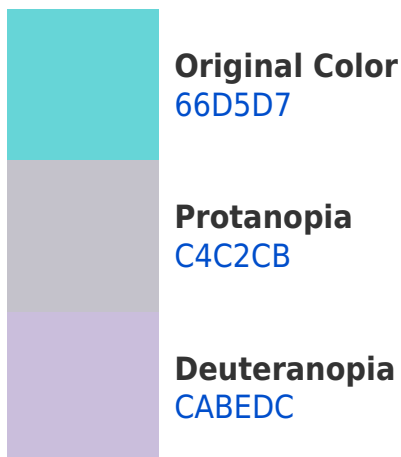


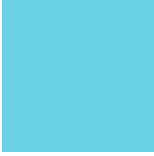
This preview shows how white text looks on a background with the Hex color 66D5D7.

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](#).

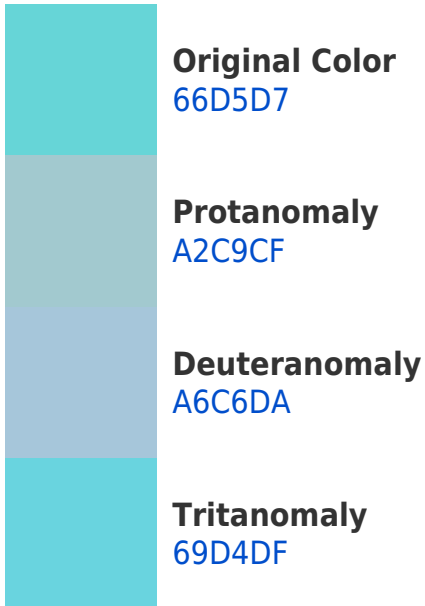
Dichromacy





Tritanopia
6BD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D5D7 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 #66D5D7 looks like.

```
.text, #text, p{  
    color:#66D5D7  
}
```

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 #66D5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D5D7
}
```

Border

The CSS property to change the border of an element to Hex 66D5D7 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
#66D5D7 }
```

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

```
.border{ border-color:#66D5D7 }
```

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

Here you see how a box with a 4 pixel #66D5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D5D7; -webkit-box-shadow:4px 4px  
4px 4px #66D5D7; box-shadow:4px 4px 4px  
4px #66D5D7 }
```

Background

The CSS property to change the background color of an element to Hex 66D5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D5D7 }
```

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

```
.background{ background-color:#66D5D7 }
```

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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