

Converting Colors

Hex(67DBD5)

Have a look what the booklet for
Hex(67DBD5) contains.

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Color

Hex(67DBD5)

Conversions

Conversions Part 1

Format	Color
Hex	67DBD5
RGB	103, 219, 213
RGB Percent	40%, 86%, 84%
CMY	0.5961, 0.1412, 0.1647
CMYK	0.53, 0.00, 0.03, 0.14
HSL	177°, 62%, 63%
HSV	177°, 53%, 86%
XYZ	42.9353, 58.3507, 71.9507
YIQ	183.6320, -67.2100, -26.4580

Conversions

Conversions Part 2

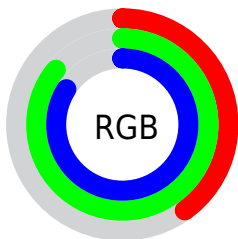
Format	Color
RYB	103, 163, 219
Decimal	6806485
CIELab	80.93, -34.17, -7.08
CIELCh	81, 34.897, 191.699
Yxy	58.3507, 0.2478, 0.3368
Android (android.graphics.Color)	4284996565 (0xFF67DBD5)
YUV	183.6320, 14.4784, -70.7143
Hunter-Lab	76.3876, -33.3487, -2.3748

Details

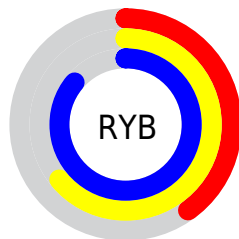
The Hex color **67DBD5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB676D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A3FFFF**, and **21A49E** is the 20% darker color. If you saturate the color by 10%, you get **51DBD4**, and if you desaturate by 10%, it is **7DDBD6**.

Distribution



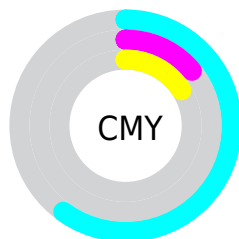
- Red (40%)
- Green (86%)
- Blue (84%)



- Red (40%)
- Yellow (64%)
- Blue (86%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (60%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DBD5 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 67DBD5 by changing the saturation by 10% instead.

 67DBD5

 67DBD5

FFFFFF

 47BFB9

 A3FFFF

 21A49E

 C0FFFF

 008984

 DEFFFF

 006F6B

 FCFFFF

 005653

 003E3C

 002826

 000712

 000000

 67DBD5

 67DBD5

 51DBD4

 7DDBD6

 3BDBD3

 93DBD7

 25DBD2

 A9DBD8

 0FDBD0

 BFDBDA

 00DBD0

 D4DBDB

 EADBDC

 FFDBDD

 FFDBDE

 FFDBDF

Harmonies

Analogous

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



88D9B3



67DBD5



60D9F3

Triad

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



67DBD5



DEBCFA



F1C08C

Complementary

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



67DBD5



DB676D

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.



FFB69F



67DBD5



FDB3DE

Square

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



67DBD5



B1C8FF



FFB1BD



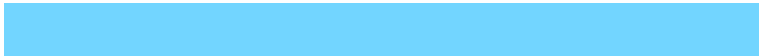
D3CB89

Rectangle

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



67DBD5



72D5FF



FFB1BD



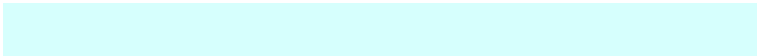
F9BC90

Sweetspot

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



67DBD5



D6FFFD



6FDB67



67807E



000000



808080

Same Dimension

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



67DBD5



5CFFF7



67A9DB



636E6D



00ADA4



002E2C

Inverse Universe

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



DB676D



FF5C64



DB9967



6E6363



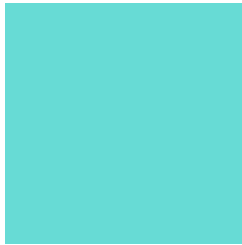
AD0009



2E0002

Previews

White Background



This preview shows how the Hex color 67DBD5 looks on a white background.

Color Contrast Check

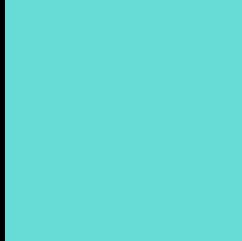
Large Text (above 18pt) WCAG AA × Fail

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 67DBD5 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

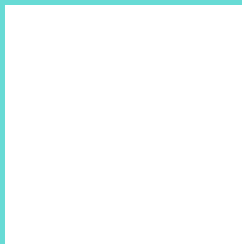
Any Text WCAG AAA ✓ Pass

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

Hex 67DBD5 Background



This preview shows how black text looks on a background with the Hex color 67DBD5.

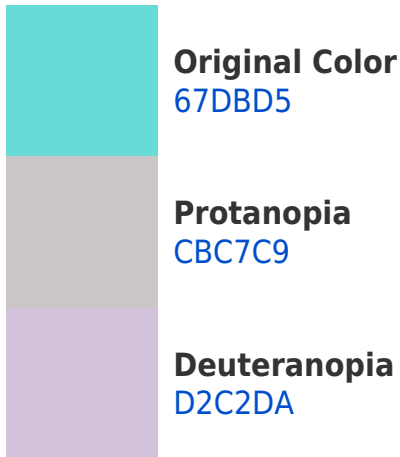


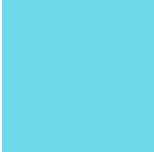
This preview shows how white text looks on a background with the Hex color 67DBD5.

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](#).

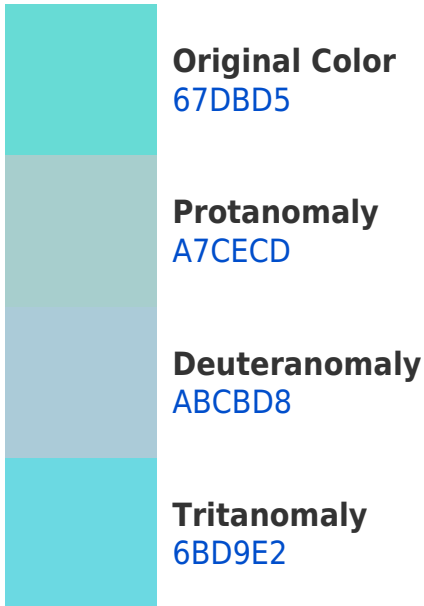
Dichromacy



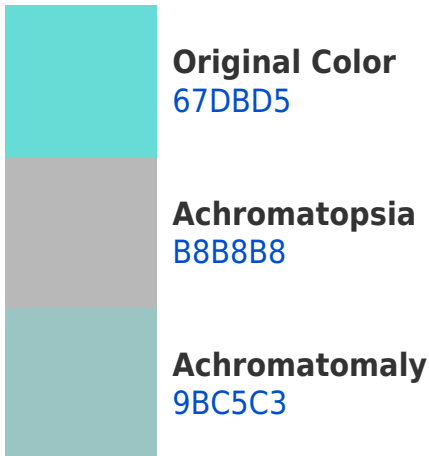


Tritanopia
6ED8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67DBD5 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 #67DBD5 looks like.

```
.text, #text, p{  
    color:#67DBD5  
}
```

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 #67DBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DBD5
}
```

Border

The CSS property to change the border of an element to Hex 67DBD5 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
#67DBD5 }
```

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

```
.border{ border-color:#67DBD5 }
```

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

Here you see how a box with a 4 pixel #67DBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DBD5; -webkit-box-shadow:4px 4px  
4px 4px #67DBD5; box-shadow:4px 4px 4px  
4px #67DBD5 }
```

Background

The CSS property to change the background color of an element to Hex 67DBD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DBD5 }
```

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

```
.background{ background-color:#67DBD5 }
```

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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