

Converting Colors

Hex(67DBD9)

Have a look what the booklet for
Hex(67DBD9) contains.

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Color

Hex(67DBD9)

Conversions

Conversions Part 1

Format	Color
Hex	67DBD9
RGB	103, 219, 217
RGB Percent	40%, 86%, 85%
CMY	0.5961, 0.1412, 0.1490
CMYK	0.53, 0.00, 0.01, 0.14
HSL	179°, 62%, 63%
HSV	179°, 53%, 86%
XYZ	43.4494, 58.5564, 74.6581
YIQ	184.0880, -68.4940, -25.2140

Conversions

Conversions Part 2

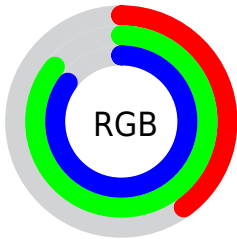
Format	Color
RYB	103, 162, 219
Decimal	6806489
CIELab	81.05, -33.14, -9.04
CIELCh	81, 34.348, 195.257
Yxy	58.5564, 0.2459, 0.3315
Android (android.graphics.Color)	4284996569 (0xFF67DBD9)
YUV	184.0880, 16.2256, -71.1142
Hunter-Lab	76.5221, -32.5610, -4.2803

Details

The Hex color **67DBD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB6769**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A3FFFF**, and **20A4A2** is the 20% darker color. If you saturate the color by 10%, you get **51DBD9**, and if you desaturate by 10%, it is **7DDBD9**.

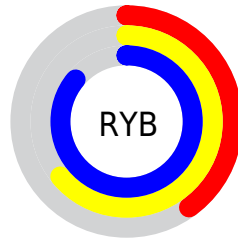
Distribution



Red (40%)

Green (86%)

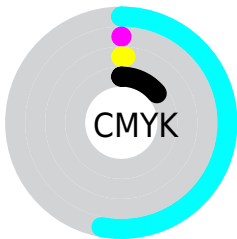
Blue (85%)



Red (40%)

Yellow (64%)

Blue (86%)

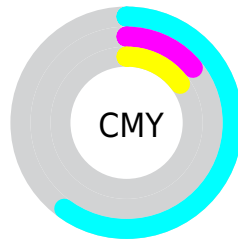


Cyan (53%)

Magenta (0%)

Yellow (1%)

Black (14%)



Cyan (60%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67DBD9 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 67DBD9 by changing the saturation by 10% instead.

 67DBD9

 67DBD9

FFFFFF

 47BFBD

 A3FFFF

 20A4A2

 C1FFFF

 008988

 DFFFFF

 006F6F

FDFFFF

 005656

 003E3F

 002829

 000816

 000000

 67DBD9

 67DBD9

 51DBD9

 7DDBD9

 3BDBD8

 93DBDA

 25DBD8

 A9DBDA

 0FDBD7

 BFDBDB

 00DBD7

 D4DBDB

 EADBDB

 FFDBDC

Harmonies

Analogous

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



85DAB8



67DBD9



65D8F6

Triad

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



67DBD9



E2BBF7



EEC28C

Complementary

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



67DBD9



DB6769

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.



FFB89D



67DBD9



FFB3DA

Square

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



67DBD9



B7C7FF



FFB2BA



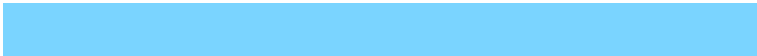
CFCC8B

Rectangle

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



67DBD9



7AD4FF



FFB2BA



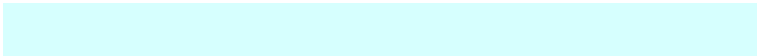
F6BE90

Sweetspot

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



67DBD9



D6FFFE



6BDB67



67807F



000000



808080

Same Dimension

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



67DBD9



5CFFFC



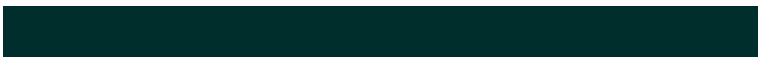
67A5DB



636E6D



00ADAA



002E2D

Inverse Universe

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



DB6769



FF5C5F



DB9D67



6E6363



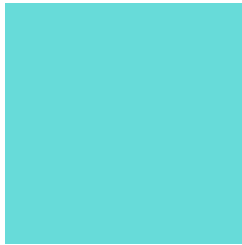
AD0003



2E0001

Previews

White Background



This preview shows how the Hex color 67DBD9 looks on a white background.

Color Contrast Check

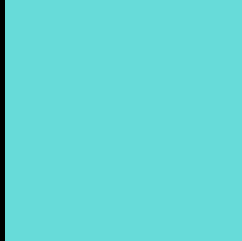
Large Text (above 18pt) WCAG AA × Fail

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 67DBD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

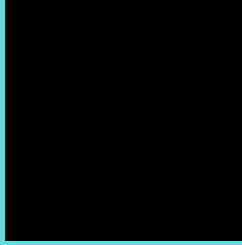
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

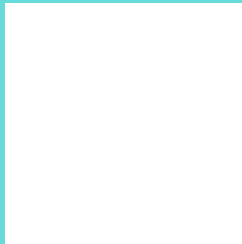
Any Text WCAG AAA ✓ Pass

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

Hex 67DBD9 Background



This preview shows how black text looks on a background with the Hex color 67DBD9.

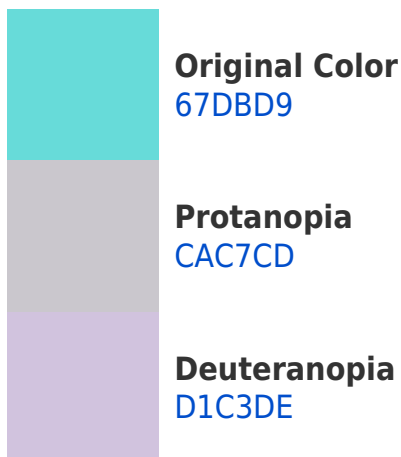


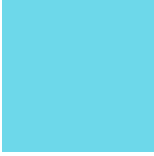
This preview shows how white text looks on a background with the Hex color 67DBD9.

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](#).

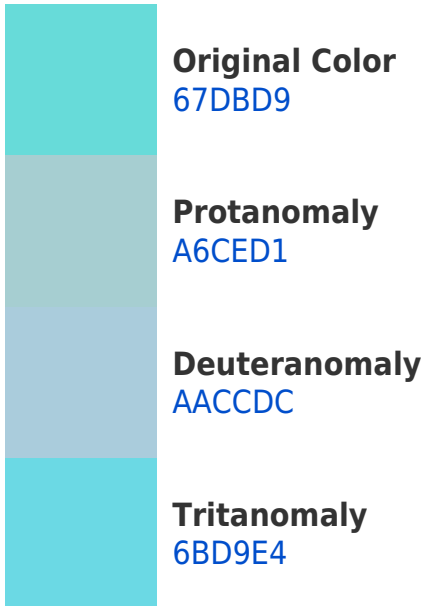
Dichromacy





Tritanopia
6DD8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67DBD9 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 #67DBD9 looks like.

```
.text, #text, p{  
    color:#67DBD9  
}
```

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 #67DBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DBD9
}
```

Border

The CSS property to change the border of an element to Hex 67DBD9 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
#67DBD9 }
```

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

```
.border{ border-color:#67DBD9 }
```

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

Here you see how a box with a 4 pixel #67DBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DBD9; -webkit-box-shadow:4px 4px  
4px 4px #67DBD9; box-shadow:4px 4px 4px  
4px #67DBD9 }
```

Background

The CSS property to change the background color of an element to Hex 67DBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DBD9 }
```

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

```
.background{ background-color:#67DBD9 }
```

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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