

Converting Colors

Hex(66D9D2)

Have a look what the booklet for
Hex(66D9D2) contains.

Hex(66D9D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66D9D2)

Conversions

Conversions Part 1

Format	Color
Hex	66D9D2
RGB	102, 217, 210
RGB Percent	40%, 85%, 82%
CMY	0.6000, 0.1490, 0.1765
CMYK	0.53, 0.00, 0.03, 0.15
HSL	176°, 60%, 63%
HSV	176°, 53%, 85%
XYZ	41.9252, 57.1036, 69.7852
YIQ	181.8170, -66.2930, -26.5570

Conversions

Conversions Part 2

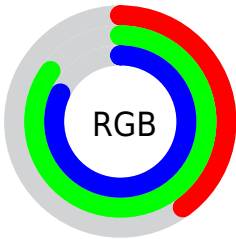
Format	Color
R _{YB}	102, 161, 217
Decimal	6740434
CIE Lab	80.24, -34.21, -6.51
CIE LCh	80, 34.820, 190.775
Yxy	57.1036, 0.2484, 0.3383
Android (android.graphics.Color)	4284930514 (0xFF66D9D2)
YUV	181.8170, 13.8942, -69.9995
Hunter-Lab	75.5669, -33.2088, -1.8568

Details

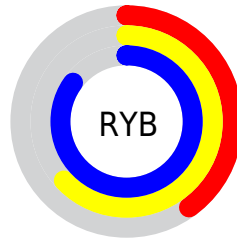
The Hex color **66D9D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D9666D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A1FFFF**, and **20A29C** is the 20% darker color. If you saturate the color by 10%, you get **50D9D1**, and if you desaturate by 10%, it is **7CD9D3**.

Distribution



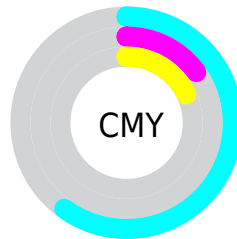
- Red (40%)
- Green (85%)
- Blue (82%)



- Red (40%)
- Yellow (63%)
- Blue (85%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (60%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D9D2 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 66D9D2 by changing the saturation by 10% instead.

 66D9D2

 66D9D2

FFFFFF

 46BDB6

 A1FFFF

 20A29C

 BFFFFFF

 008782

 DDFFFF

 006D69

 FBFFFF

 005450

 003C3A

 002724

 000210

 000000

 66D9D2

 66D9D2

 50D9D1

 7CD9D3

 3BD9CF

 91D9D5

 25D9CE

 A7D9D6

 0FD9CD

 BDD9D7

 00D9CC

 D3D9D9

 E8D9DA

 FED9DB

 FFD9DD

 FFD9DE

Harmonies

Analogous

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



88D7B1



66D9D2



5ED7F0

Triad

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



66D9D2



DABBF8



F0BE8A

Complementary

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



66D9D2



D9666D

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.



FFB49E



66D9D2



FAB1DD

Square

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



66D9D2



AEC6FF



FFAFBC



D2C987

Rectangle

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



66D9D2



6FD3FF



FFAFBC



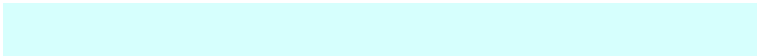
F8BA8F

Sweetspot

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



66D9D2



D6FFFD



6ED966



67807E



000000



808080

Same Dimension

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



66D9D2



5CFFF5



66A7D9



636E6D



00ADA3



002E2B

Inverse Universe

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



D9666D



FF5C66



D99866



6E6363



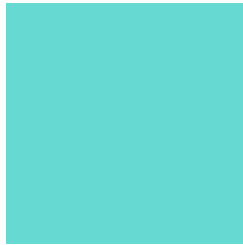
AD000B



2E0003

Previews

White Background



This preview shows how the Hex color 66D9D2 looks on a white background.

Color Contrast Check

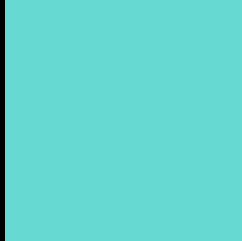
Large Text (above 18pt) WCAG AA × Fail

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 66D9D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

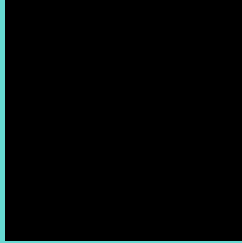
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

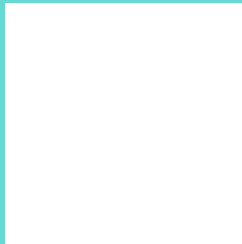
Any Text WCAG AAA ✓ Pass

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

Hex 66D9D2 Background



This preview shows how black text looks on a background with the Hex color 66D9D2.

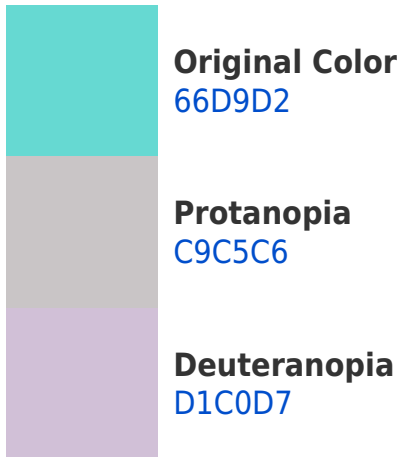


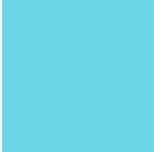
This preview shows how white text looks on a background with the Hex color 66D9D2.

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
6DD6E7

Trichromacy



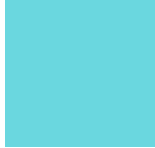
Original Color
66D9D2



Protanomaly
A5CCCA



Deuteranomaly
AAC9D5

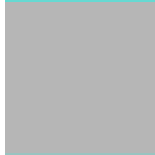


Tritanomaly
6AD7DF

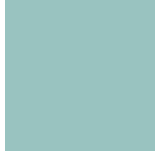
Monochromacy



Original Color
66D9D2



Achromatopsia
B6B6B6



Achromatomaly
99C3C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 66D9D2 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 #66D9D2 looks like.

```
.text, #text, p{  
    color:#66D9D2  
}
```

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 #66D9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D9D2
}
```

Border

The CSS property to change the border of an element to Hex 66D9D2 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
#66D9D2 }
```

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

```
.border{ border-color:#66D9D2 }
```

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

Here you see how a box with a 4 pixel #66D9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D9D2; -webkit-box-shadow:4px 4px  
4px 4px #66D9D2; box-shadow:4px 4px 4px  
4px #66D9D2 }
```

Background

The CSS property to change the background color of an element to Hex 66D9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D9D2 }
```

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

```
.background{ background-color:#66D9D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor