

Converting Colors

Hex(6DD9B0)

Have a look what the booklet for
Hex(6DD9B0) contains.

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Color

Hex(6DD9B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6DD9B0 |
| RGB | 109, 217, 176 |
| RGB Percent | 43%, 85%, 69% |
| CMY | 0.5725, 0.1490, 0.3098 |
| CMYK | 0.50, 0.00, 0.19, 0.15 |
| HSL | 157°, 59%, 64% |
| HSV | 157°, 50%, 85% |
| XYZ | 38.9560, 56.0115, 49.8324 |
| YIQ | 180.0340, -51.2070, -35.6470 |

Conversions

Conversions Part 2

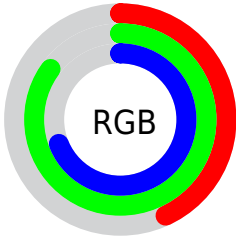
| Format | Color |
|-------------------------------------|---|
| RYB | 109, 176, 217 |
| Decimal | 7199152 |
| CIELab | 79.62, -40.75, 10.74 |
| CIElCh | 80, 42.141, 165.242 |
| Yxy | 56.0115, 0.2690, 0.3868 |
| Android (android.graphics.Color) | 4285389232 (0xFF6DD9B0) |
| YUV | 180.0340, -1.9888, -62.2968 |
| Hunter-Lab | 74.8408, -38.0590, 12.9106 |

Details

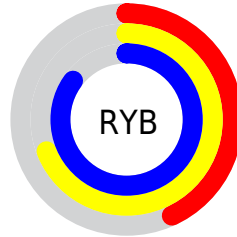
The Hex color **6DD9B0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D96D96**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A6FFE8**, and **30A17B** is the 20% darker color. If you saturate the color by 10%, you get **57D9A8**, and if you desaturate by 10%, it is **83D9B8**.

Distribution



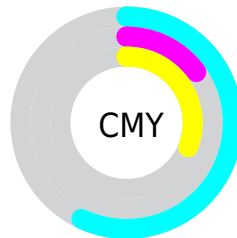
- Red (43%)
- Green (85%)
- Blue (69%)



- Red (43%)
- Yellow (69%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (57%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD9B0 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 6DD9B0 by changing the saturation by 10% instead.

 6DD9B0

 6DD9B0

FFFFFF

 50BD95

 A6FFE8

 30A17B

 C4FFFF

 008763

 E1FFFF

 006D4B

 005434

 003C1F

 002707

 000000

 6DD9B0

 6DD9B0

 57D9A8

 83D9B8

 42D9A0

 98D9C0

 2CD997

 AED9C9

 16D98F

 C4D9D1

 00D987

 DAD9D9

 EFD9E1

 FFD9EA

 FFD9F2

 FFD9FA

Harmonies

Analogous

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



9FD38D



6DD9B0



33DAD9

Triad

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



6DD9B0



ADC2FF



FFAF8F

Complementary

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



6DD9B0



D96D96

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.



FFA7B3



6DD9B0



E3B4FD

Square

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



6DD9B0



6ACFFF



FFA9DA



F0BC79

Rectangle

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



6DD9B0



15D9F1



FFA9DA



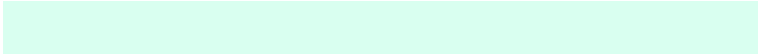
FFAC9A

Sweetspot

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



6DD9B0



D9FFF0



96D96D



698077



000000



808080

Same Dimension

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



6DD9B0



66FFC5



6DCCD9



636E69



00AD6C



002E1C

Inverse Universe

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



D96D96



FF66A0



D97A6D



6E6367



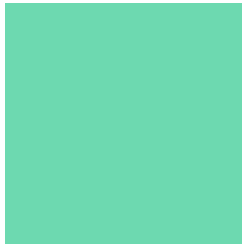
AD0042



2E0011

Previews

White Background



This preview shows how the Hex color 6DD9B0 looks on a white background.

Color Contrast Check

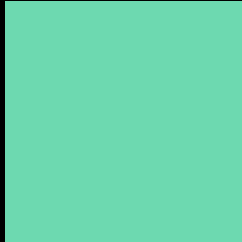
Large Text (above 18pt) WCAG AA × Fail

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 6DD9B0 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 6DD9B0 Background



This preview shows how black text looks on a background with the Hex color 6DD9B0.

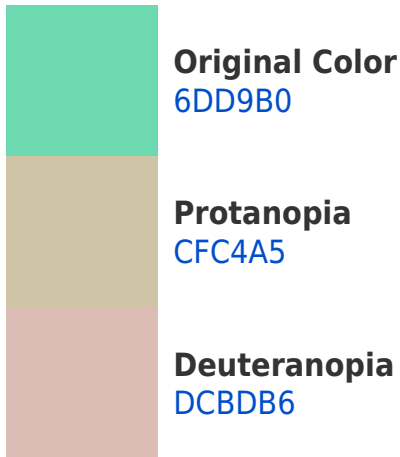


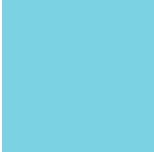
This preview shows how white text looks on a background with the Hex color 6DD9B0.

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
7BD2E3

Trichromacy



Original Color
6DD9B0



Protanomaly
ABCCA9



Deuteranomaly
B4C7B4

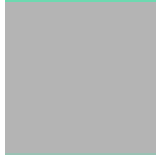


Tritanomaly
76D5D0

Monochromacy



Original Color
6DD9B0



Achromatopsia
B4B4B4



Achromatomaly
9AC1B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD9B0 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 #6DD9B0 looks like.

```
.text, #text, p{  
    color:#6DD9B0  
}
```

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 #6DD9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD9B0
}
```

Border

The CSS property to change the border of an element to Hex 6DD9B0 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
#6DD9B0 }
```

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

```
.border{ border-color:#6DD9B0 }
```

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

Here you see how a box with a 4 pixel #6DD9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD9B0; -webkit-box-shadow:4px 4px  
4px 4px #6DD9B0; box-shadow:4px 4px 4px  
4px #6DD9B0 }
```

Background

The CSS property to change the background color of an element to Hex 6DD9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD9B0 }
```

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

```
.background{ background-color:#6DD9B0 }
```

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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