

Converting Colors

Hex(60D0D0)

Have a look what the booklet for
Hex(60D0D0) contains.

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Color

Hex(60D0D0)

Conversions

Conversions Part 1

Format	Color
Hex	60D0D0
RGB	96, 208, 208
RGB Percent	38%, 82%, 82%
CMY	0.6235, 0.1843, 0.1843
CMYK	0.54, 0.00, 0.00, 0.18
HSL	180°, 54%, 60%
HSV	180°, 54%, 82%
XYZ	38.7649, 52.1526, 67.6978
YIQ	174.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

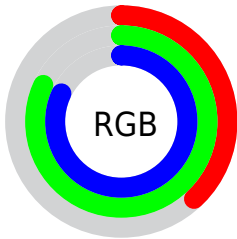
Format	Color
RYB	96, 152, 208
Decimal	6344912
CIELab	77.37, -31.67, -9.71
CIELCh	77, 33.125, 197.054
Yxy	52.1526, 0.2444, 0.3288
Android (android.graphics.Color)	4284534992 (0xFF60D0D0)
YUV	174.5120, 16.5096, -68.8550
Hunter-Lab	72.2168, -30.5631, -5.0282

Details

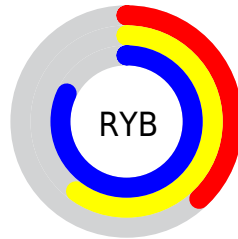
The Hex color **60D0D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D06060**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9CFFFF**, and **15999A** is the 20% darker color. If you saturate the color by 10%, you get **4BD0D0**, and if you desaturate by 10%, it is **75D0D0**.

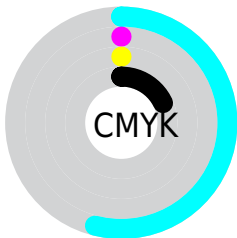
Distribution



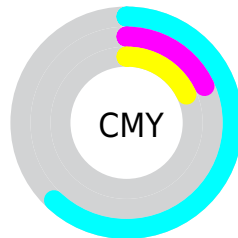
- Red (38%)
- Green (82%)
- Blue (82%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D0D0 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 60D0D0 by changing the saturation by 10% instead.

 60D0D0

 60D0D0

FFFFFF

 40B4B4


 9CFFFF

 15999A

 B9FFFF

 007F80

 D7FFFF

 006567

 F5FFFF

 004D4F

 003538

 002222

 00000C

 000000

 60D0D0

 60D0D0

 4BD0D0

 75D0D0

 36D0D0

 8AD0D0

 22D0D0

 9ED0D0

 0DD0D0

 B3D0D0

 00D0D0

 C8D0D0

 DDD0D0

 F2D0D0

 FFD0D0

Harmonies

Analogous

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



7CCFB0



60D0D0



60CDEB

Triad

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



60D0D0



D9B1E9



E1B984

Complementary

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



60D0D0



D06060

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.



F5AF93



60D0D0



F3AACE

Square

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



60D0D0



B1BCFA



FDA9AF



C3C384

Rectangle

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



60D0D0



75C9F7



FDA9AF



E9B587

Sweetspot

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



60D0D0



D6FFFF



60D060



678080



000000



808080

Same Dimension

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



60D0D0



59FFFF



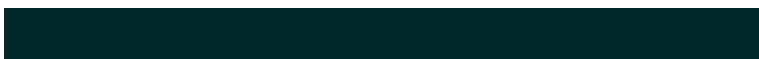
6098D0



5E6969



00A8A8



002929

Inverse Universe

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



D060D0



FF59FF



D09860



695E69



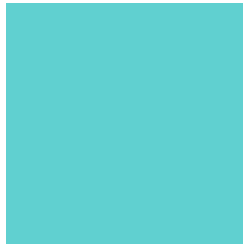
A800A8



290029

Previews

White Background



This preview shows how the Hex color 60D0D0 looks on a white background.

Color Contrast Check

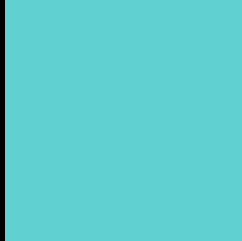
Large Text (above 18pt) WCAG AA × Fail

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 60D0D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

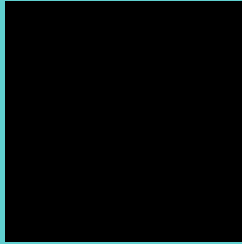
Any Text WCAG AA ✓ Pass

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 60D0D0 Background



This preview shows how black text looks on a background with the Hex color 60D0D0.

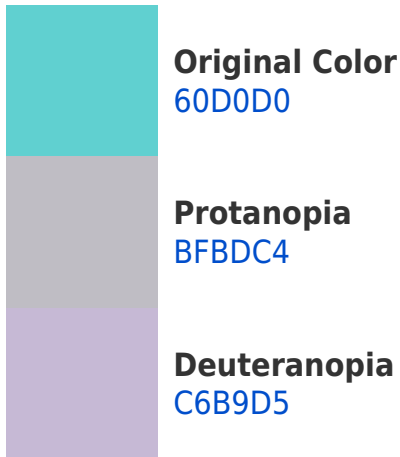


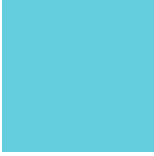
This preview shows how white text looks on a background with the Hex color 60D0D0.

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





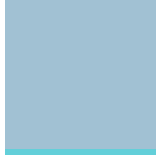
Trichromacy



Original Color
60D0D0



Protanomaly
9CC4C8



Deuteranomaly
A1C1D3

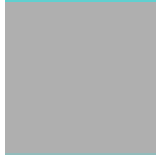


Tritanomaly
63CFD9

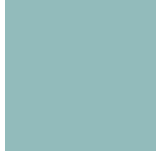
Monochromacy



Original Color
60D0D0



Achromatopsia
AFAFAF



Achromatomaly
92BBBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D0D0 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 #60D0D0 looks like.

```
.text, #text, p{  
    color:#60D0D0  
}
```

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 #60D0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D0D0
}
```

Border

The CSS property to change the border of an element to Hex 60D0D0 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
#60D0D0 }
```

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

```
.border{ border-color:#60D0D0 }
```

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

Here you see how a box with a 4 pixel #60D0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D0D0; -webkit-box-shadow:4px 4px  
4px 4px #60D0D0; box-shadow:4px 4px 4px  
4px #60D0D0 }
```

Background

The CSS property to change the background color of an element to Hex 60D0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D0D0 }
```

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

```
.background{ background-color:#60D0D0 }
```

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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