

Converting Colors

Hex(60D7C6)

Have a look what the booklet for
Hex(60D7C6) contains.

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Color

Hex(60D7C6)

Conversions

Conversions Part 1

Format	Color
Hex	60D7C6
RGB	96, 215, 198
RGB Percent	38%, 84%, 78%
CMY	0.6235, 0.1569, 0.2235
CMYK	0.55, 0.00, 0.08, 0.16
HSL	171°, 60%, 61%
HSV	171°, 55%, 84%
XYZ	39.3174, 55.1649, 62.0017
YIQ	177.4810, -65.4670, -30.5150

Conversions

Conversions Part 2

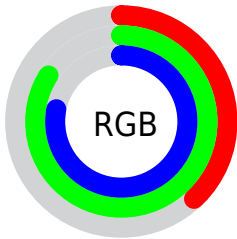
Format	Color
RYB	96, 160, 215
Decimal	6346694
CIELab	79.14, -37.52, -1.74
CIELCh	79, 37.560, 182.662
Yxy	55.1649, 0.2513, 0.3525
Android (android.graphics.Color)	4284536774 (0xFF60D7C6)
YUV	177.4810, 10.1159, -71.4588
Hunter-Lab	74.2731, -35.4867, 2.4970

Details

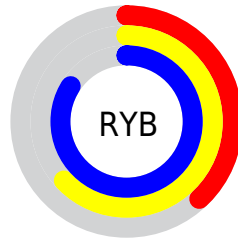
The Hex color **60D7C6** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D76071**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9CFFFF**, and **14A090** is the 20% darker color. If you saturate the color by 10%, you get **4AD7C3**, and if you desaturate by 10%, it is **76D7C9**.

Distribution



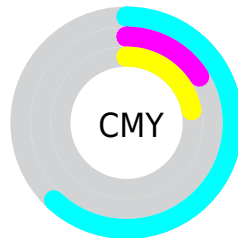
- Red (38%)
- Green (84%)
- Blue (78%)



- Red (38%)
- Yellow (63%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D7C6 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 60D7C6 by changing the saturation by 10% instead.

 60D7C6

 60D7C6

FFFFFF

 40BBAB

 9CFFFF

 14A090

 B9FFFF

 008577

 D7FFFF

 006B5E

 F5FFFF

 005246

 003A30

 00261B

 000001

 000000

 60D7C6

 60D7C6

 4AD7C3

 76D7C9

 35D7C0

 8BD7CC

 1FD7BD

 A1D7CF

 0AD7BA

 B6D7D2

 00D7B8

 CCD7D5

 E1D7D8

 F7D7DC

 FFD7DF

 FFD7E2

Harmonies

Analogous

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



8AD4A3



60D7C6



47D6E9

Triad

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



60D7C6



CDBAFF



F6B787

Complementary

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



60D7C6



D76071

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.



FFADA0



60D7C6



F3AFE5

Square

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



60D7C6



99C6FF



FFA9C2



D9C37E

Rectangle

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



60D7C6



54D3FB



FFA9C2



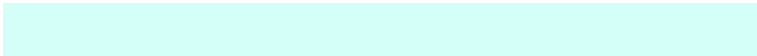
FDB38E

Sweetspot

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



60D7C6



D4FFF9



72D760



66807C



000000



808080

Same Dimension

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



60D7C6



57FFE7



60ADD7



606B6A



00AB92



002B25

Inverse Universe

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



D76071



FF576F



D78A60



6B6062



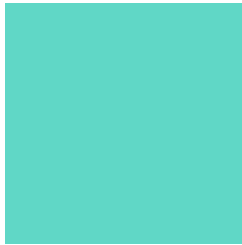
AB0018



2B0006

Previews

White Background



This preview shows how the Hex color 60D7C6 looks on a white background.

Color Contrast Check

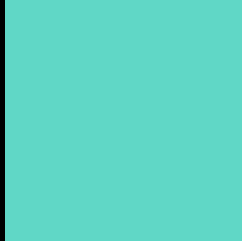
Large Text (above 18pt) WCAG AA × Fail

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 60D7C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

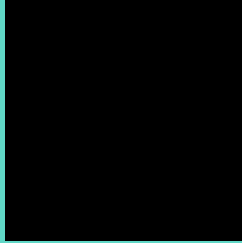
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

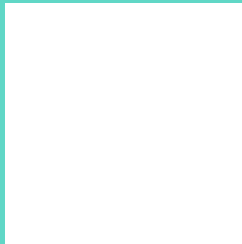
Any Text WCAG AAA ✓ Pass

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

Hex 60D7C6 Background



This preview shows how black text looks on a background with the Hex color 60D7C6.

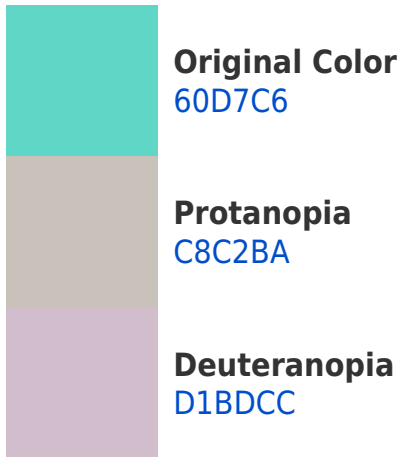


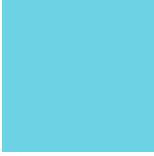
This preview shows how white text looks on a background with the Hex color 60D7C6.

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
6BD3E4

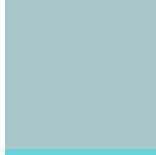
Trichromacy



Original Color
60D7C6



Protanomaly
A2CABE

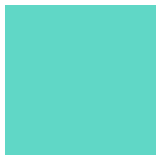


Deuteranomaly
A8C6CA



Tritanomaly
67D4D9

Monochromacy



Original Color
60D7C6



Achromatopsia
B1B1B1



Achromatomaly
94BFB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D7C6 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 #60D7C6 looks like.

```
.text, #text, p{  
    color:#60D7C6  
}
```

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 #60D7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D7C6
}
```

Border

The CSS property to change the border of an element to Hex 60D7C6 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
#60D7C6 }
```

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

```
.border{ border-color:#60D7C6 }
```

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

Here you see how a box with a 4 pixel #60D7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D7C6; -webkit-box-shadow:4px 4px  
4px 4px #60D7C6; box-shadow:4px 4px 4px  
4px #60D7C6 }
```

Background

The CSS property to change the background color of an element to Hex 60D7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D7C6 }
```

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

```
.background{ background-color:#60D7C6 }
```

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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