

Converting Colors

Hex(60D3BF)

Have a look what the booklet for
Hex(60D3BF) contains.

| | |
|--|----|
| Hex(60D3BF) | 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(60D3BF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60D3BF |
| RGB | 96, 211, 191 |
| RGB Percent | 38%, 83%, 75% |
| CMY | 0.6235, 0.1725, 0.2510 |
| CMYK | 0.55, 0.00, 0.09, 0.17 |
| HSL | 170°, 57%, 60% |
| HSV | 170°, 55%, 83% |
| XYZ | 37.5221, 52.8369, 57.5111 |
| YIQ | 174.3350, -62.1200, -30.6000 |

Conversions

Conversions Part 2

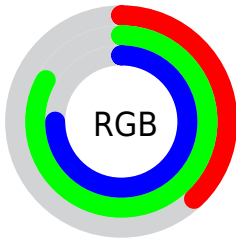
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 159, 211 |
| Decimal | 6345663 |
| CIELab | 77.78, -37.43, 0.02 |
| CIELCh | 78, 37.426, 179.972 |
| Yxy | 52.8369, 0.2538, 0.3573 |
| Android (android.graphics.Color) | 4284535743 (0xFF60D3BF) |
| YUV | 174.3350, 8.2158, -68.6998 |
| Hunter-Lab | 72.6890, -35.0640, 3.9724 |

Details

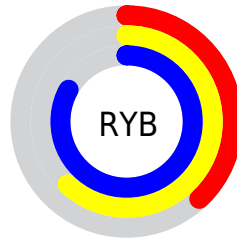
The Hex color **60D3BF** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D36074**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9BFFF7**, and **189C8A** is the 20% darker color. If you saturate the color by 10%, you get **4BD3BB**, and if you desaturate by 10%, it is **75D3C3**.

Distribution



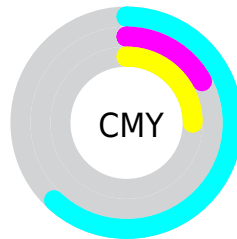
- Red (38%)
- Green (83%)
- Blue (75%)



- Red (38%)
- Yellow (62%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (62%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D3BF 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 60D3BF by changing the saturation by 10% instead.



60D3BF



60D3BF

FFFFFF



41B7A4



9BFFF7



189C8A



B8FFFF



008170



D6FFFF



006858



F4FFFF



004F41



00372B



002316



000000



60D3BF



60D3BF

 4BD3BB

 75D3C3

 36D3B8

 8AD3C6

 21D3B4

 9FD3CA

 0CD3B0

 B4D3CE

 00D3AE

 CAD3D1

 DFD3D5

 F4D3D9

 FFD3DC

 FFD3E0

Harmonies

Analogous

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



8AD09C



60D3BF



43D2E2

Triad

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



60D3BF



C5B7FC



F4B285

Complementary

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



60D3BF



D36074

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.



FFA99F



60D3BF



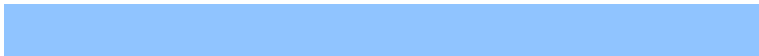
ECACE4

Square

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



60D3BF



90C4FF



FFA6C2



D8BE7A

Rectangle

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



60D3BF



4DCFF4



FFA6C2



FBAE8C

Sweetspot

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



60D3BF



D6FFF8



75D360



67807B



000000



808080

Same Dimension

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



60D3BF



59FFE2



60AFD3



5E6967



00A88B



002922

Inverse Universe

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



D36074



FF5976



D38460



695E60



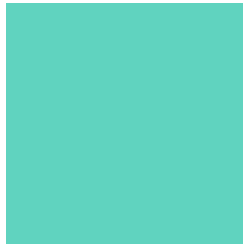
A8001D



290007

Previews

White Background



This preview shows how the Hex color 60D3BF looks on a white background.

Color Contrast Check

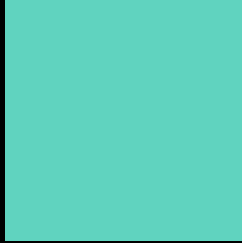
Large Text (above 18pt) WCAG AA × Fail

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 60D3BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

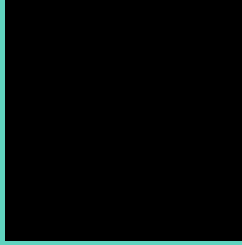
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

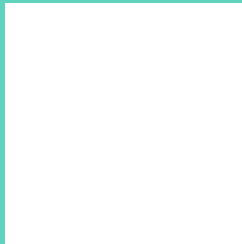
Any Text WCAG AAA ✓ Pass

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

Hex 60D3BF Background



This preview shows how black text looks on a background with the Hex color 60D3BF.

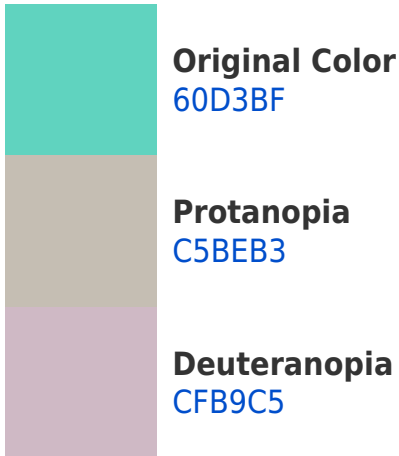


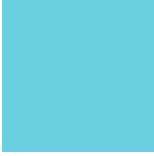
This preview shows how white text looks on a background with the Hex color 60D3BF.

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
6BCEDF

Trichromacy



Original Color
60D3BF



Protanomaly
A0C6B7



Deuteranomaly
A7C2C3

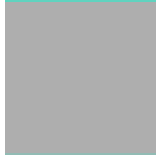


Tritanomaly
67D0D3

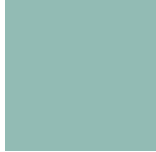
Monochromacy



Original Color
60D3BF



Achromatopsia
AEAEAE



Achromatomaly
92BBB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D3BF 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 #60D3BF looks like.

```
.text, #text, p{  
    color:#60D3BF  
}
```

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 #60D3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D3BF
}
```

Border

The CSS property to change the border of an element to Hex 60D3BF 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
#60D3BF }
```

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

```
.border{ border-color:#60D3BF }
```

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

Here you see how a box with a 4 pixel #60D3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D3BF; -webkit-box-shadow:4px 4px  
4px 4px #60D3BF; box-shadow:4px 4px 4px  
4px #60D3BF }
```

Background

The CSS property to change the background color of an element to Hex 60D3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D3BF }
```

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

```
.background{ background-color:#60D3BF }
```

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