

Converting Colors

Hex(60C3B5)

Have a look what the booklet for
Hex(60C3B5) contains.

| | |
|--|----|
| Hex(60C3B5) | 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(60C3B5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60C3B5 |
| RGB | 96, 195, 181 |
| RGB Percent | 38%, 76%, 71% |
| CMY | 0.6235, 0.2353, 0.2902 |
| CMYK | 0.51, 0.00, 0.07, 0.24 |
| HSL | 172°, 45%, 57% |
| HSV | 172°, 51%, 76% |
| XYZ | 32.6795, 44.8532, 50.6512 |
| YIQ | 163.8030, -54.5100, -25.3420 |

Conversions

Conversions Part 2

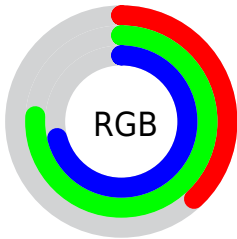
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 96, 149, 195 |
| Decimal | 6341557 |
| CIE _{Lab} | 72.80, -32.46, -1.87 |
| CIE _{LCh} | 73, 32.511, 183.301 |
| Yxy | 44.8532, 0.2549, 0.3499 |
| Android (android.graphics.Color) | 4284531637 (0xFF60C3B5) |
| YUV | 163.8030, 8.4781, -59.4632 |
| Hunter-Lab | 66.9725, -30.1023, 2.0399 |

Details

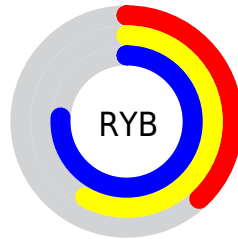
The Hex color **60C3B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C3606E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **99FCED**, and **208D80** is the 20% darker color. If you saturate the color by 10%, you get **4DC3B2**, and if you desaturate by 10%, it is **74C3B8**.

Distribution



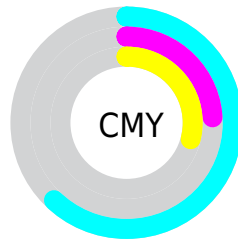
- Red (38%)
- Green (76%)
- Blue (71%)



- Red (38%)
- Yellow (58%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C3B5 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 60C3B5 by changing the saturation by 10% instead.

 60C3B5

 60C3B5

FFFFFF

 42A89A

 99FCED

 208D80

 B6FFFF

 007367

 D3FFFF

 005A4F

 F1FFFF

 004238

 002B23

 00120E

 000000

 60C3B5

 60C3B5

 4DC3B2

 74C3B8

 39C3AF

 87C3BB

 25C3AD

 9BC3BD

 12C3AA

 AEC3C0

 00C3A7

 C2C3C3

 D5C3C6

 E8C3C8

 FCC3CB

 FFC3CE

Harmonies

Analogous

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



81C197



60C3B5



4FC2D2

Triad

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



60C3B5



BBAE4



DEA87E

Complementary

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



60C3B5



C3606E

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.



EC9F93



60C3B5



DBA0CE

Square

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



60C3B5



90B4EE



EC9CB0



C4B277

Rectangle

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



60C3B5



5ABFE1



EC9CB0



E4A484

Sweetspot

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



60C3B5



D7FCF7



6FC360



69807C



000000



808080

Same Dimension

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



60C3B5



62FCE7



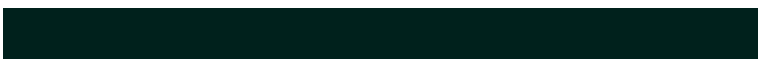
60A0C3



576160



00A18A



00211C

Inverse Universe

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



C3606E



FC6278



C38360



615759



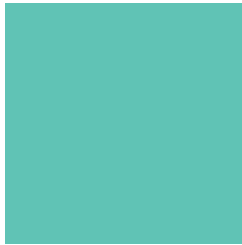
A10017



210005

Previews

White Background



This preview shows how the Hex color 60C3B5 looks on a white background.

Color Contrast Check

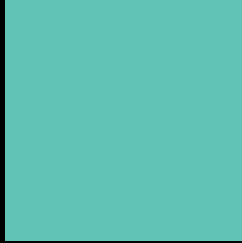
Large Text (above 18pt) WCAG AA × Fail

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 60C3B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

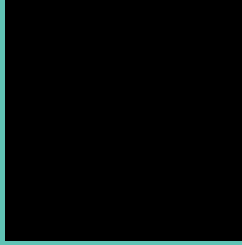
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

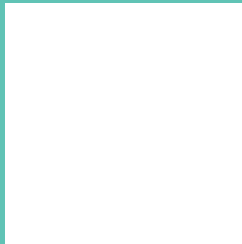
Any Text WCAG AAA ✓ Pass

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

Hex 60C3B5 Background



This preview shows how black text looks on a background with the Hex color 60C3B5.

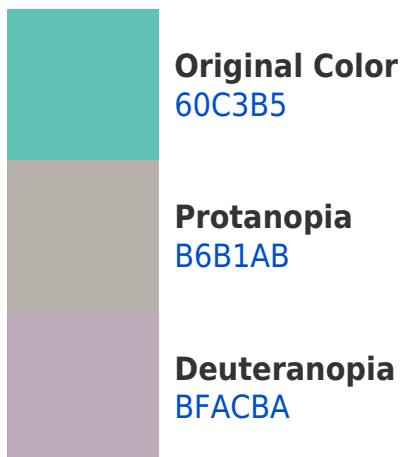


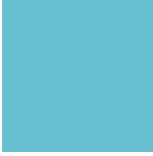
This preview shows how white text looks on a background with the Hex color 60C3B5.

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
68BFCF

Trichromacy



Original Color
60C3B5



Protanomaly
97B8AF



Deuteranomaly
9CB4B8

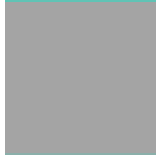


Tritanomaly
65C0C6

Monochromacy



Original Color
60C3B5



Achromatopsia
A4A4A4



Achromatomaly
8BAFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 60C3B5 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 #60C3B5 looks like.

```
.text, #text, p{  
    color:#60C3B5  
}
```

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 #60C3B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C3B5
}
```

Border

The CSS property to change the border of an element to Hex 60C3B5 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
#60C3B5 }
```

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

```
.border{ border-color:#60C3B5 }
```

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

Here you see how a box with a 4 pixel #60C3B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C3B5; -webkit-box-shadow:4px 4px  
4px 4px #60C3B5; box-shadow:4px 4px 4px  
4px #60C3B5 }
```

Background

The CSS property to change the background color of an element to Hex 60C3B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C3B5 }
```

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

```
.background{ background-color:#60C3B5 }
```

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