

Converting Colors

Hex(61CFB2)

Have a look what the booklet for
Hex(61CFB2) contains.

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Color

Hex(61CFB2)

Conversions

Conversions Part 1

Format	Color
Hex	61CFB2
RGB	97, 207, 178
RGB Percent	38%, 81%, 70%
CMY	0.6196, 0.1882, 0.3020
CMYK	0.53, 0.00, 0.14, 0.19
HSL	164°, 53%, 60%
HSV	164°, 53%, 81%
XYZ	35.2785, 50.3814, 49.9847
YIQ	170.8040, -56.2510, -32.3390

Conversions

Conversions Part 2

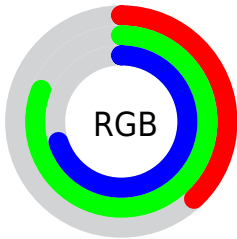
Format	Color
RYB	97, 160, 207
Decimal	6410162
CIELab	76.30, -38.53, 4.86
CIELCh	76, 38.832, 172.813
Yxy	50.3814, 0.2601, 0.3714
Android (android.graphics.Color)	4284600242 (0xFF61CFB2)
YUV	170.8040, 3.5476, -64.7261
Hunter-Lab	70.9798, -35.4965, 7.9333

Details

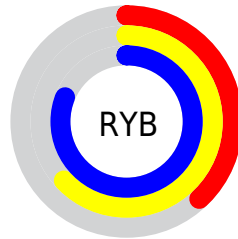
The Hex color **61CFB2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF617E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9BFFEA**, and **1E987D** is the 20% darker color. If you saturate the color by 10%, you get **4CCFAD**, and if you desaturate by 10%, it is **76CFB7**.

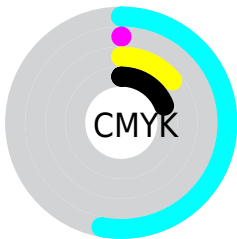
Distribution



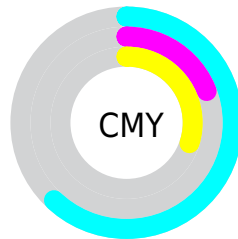
- Red (38%)
- Green (81%)
- Blue (70%)



- Red (38%)
- Yellow (63%)
- Blue (81%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (62%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61CFB2 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 61CFB2 by changing the saturation by 10% instead.



61CFB2



61CFB2

FFFFFF



43B397



9BFFEA



1E987D



B8FFFF



007E64



D6FFFF



00644D



F3FFFF



004B36



003421



001E0A



000000



61CFB2



61CFB2

 4CCFAD

 76CFB7

 38CFA7

 8ACFBD

 23CFA2

 9FCFC2

 0ECF9C

 B4CFC8

 00CF98

 C9CFCD

 DDCFD3

 F2CFD8

 FFCFDE

 FFCFE3

Harmonies

Analogous

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



8FCB90



61CFB2



36CFD7

Triad

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



61CFB2



B4B6FE



F6AB84

Complementary

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



61CFB2



CF617E

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.



FFA2A2



61CFB2



E1A9E8

Square

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



61CFB2



7BC2FF



FCA1C6



DCB775

Rectangle

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



61CFB2



34CDEC



FCA1C6



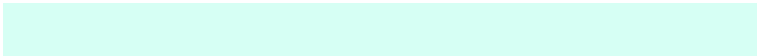
FCA78D

Sweetspot

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



61CFB2



D6FFF4



7ECF61



678079



000000



808080

Same Dimension

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



61CFB2



5CFFD4



61B5CF



5E6966



00A87C



00291E

Inverse Universe

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



CF617E



FF5C87



CF7B61



695E61



A8002C



29000B

Previews

White Background



This preview shows how the Hex color 61CFB2 looks on a white background.

Color Contrast Check

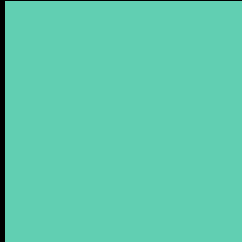
Large Text (above 18pt) WCAG AA × Fail

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 61CFB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

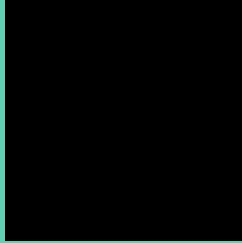
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

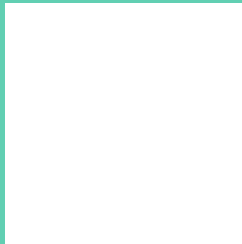
Any Text WCAG AAA ✓ Pass

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

Hex 61CFB2 Background



This preview shows how black text looks on a background with the Hex color 61CFB2.



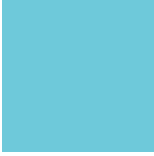
This preview shows how white text looks on a background with the Hex color 61CFB2.

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
6EC9DA

Trichromacy



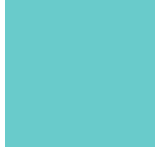
Original Color
61CFB2



Protanomaly
9FC2AB



Deuteranomaly
A6BEB6

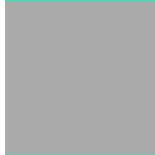


Tritanomaly
69CBCB

Monochromacy



Original Color
61CFB2



Achromatopsia
ABABAB



Achromatomaly
90B8AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 61CFB2 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 #61CFB2 looks like.

```
.text, #text, p{  
    color:#61CFB2  
}
```

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 #61CFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61CFB2
}
```

Border

The CSS property to change the border of an element to Hex 61CFB2 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
#61CFB2 }
```

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

```
.border{ border-color:#61CFB2 }
```

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

Here you see how a box with a 4 pixel #61CFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61CFB2; -webkit-box-shadow:4px 4px  
4px 4px #61CFB2; box-shadow:4px 4px 4px  
4px #61CFB2 }
```

Background

The CSS property to change the background color of an element to Hex 61CFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61CFB2 }
```

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

```
.background{ background-color:#61CFB2 }
```

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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