

Converting Colors

Hex(61EDCB)

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

Hex(61EDCB)	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(61EDCB)

Conversions

Conversions Part 1

Format	Color
Hex	61EDCB
RGB	97, 237, 203
RGB Percent	38%, 93%, 80%
CMY	0.6196, 0.0706, 0.2039
CMYK	0.59, 0.00, 0.14, 0.07
HSL	165°, 80%, 65%
HSV	165°, 59%, 93%
XYZ	45.9934, 67.4216, 67.0895
YIQ	191.2640, -72.5260, -40.2540

Conversions

Conversions Part 2

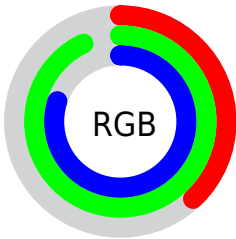
Format	Color
RYB	97, 177, 237
Decimal	6417867
CIELab	85.72, -45.89, 5.19
CIELCh	86, 46.180, 173.553
Yxy	67.4216, 0.2548, 0.3735
Android (android.graphics.Color)	4284607947 (0xFF61EDCB)
YUV	191.2640, 5.7858, -82.6695
Hunter-Lab	82.1106, -43.7086, 9.0338

Details

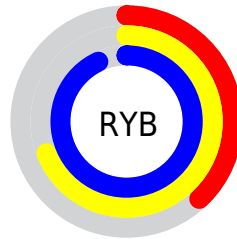
The Hex color **61EDCB** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED6183**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9FFFFFF**, and **05B495** is the 20% darker color. If you saturate the color by 10%, you get **49EDC5**, and if you desaturate by 10%, it is **79EDD1**.

Distribution



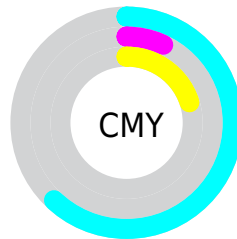
- Red (38%)
- Green (93%)
- Blue (80%)



- Red (38%)
- Yellow (69%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 61EDCB

FFFFFF

 9FFFFFF

 BDFFFF


 DCFFFF

 FAFFFF

 61EDCB

 3ED0B0

 05B495

 00997B

 007E62

 00644B

 004B34

 00341F

 001D07

 000000

 61EDCB

 61EDCB

 49EDC5

 79EDD1

 32EDBF

 90EDD7

 1AEDBA

 A8EDDC

 02EDB4

 C0EDE2

 00EDB3

 D7EDE8

 EFEDDE

 FFEDF3

 FFEDF9

 FFEDFF

Harmonies

Analogous

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



9DE8A1



61EDCB



03EDF8

Triad

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



61EDCB



CDCEFF



FFC191

Complementary

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



61EDCB



ED6183

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.



FFB6B6



61EDCB



FFBFFF

Square

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



61EDCB



84DEFF



FFB5E2



FBD07F

Rectangle

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



61EDCB



00EAFF



FFB5E2



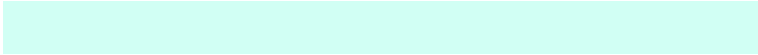
FFBD9C

Sweetspot

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



61EDCB



D1FFF4



84ED61



638079



000000



808080

Same Dimension

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



61EDCB



4AFFD3



61CAED



6A7572



00B589



003629

Inverse Universe

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



ED6183



FF4A76



ED8461



756A6C



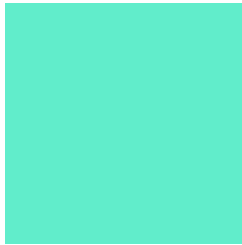
B5002C



36000D

Previews

White Background



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

Color Contrast Check

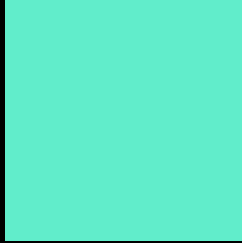
Large Text (above 18pt) WCAG AA × Fail

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 61EDCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

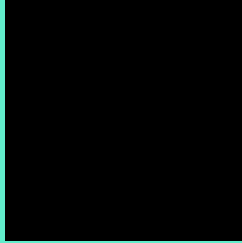
Any Text WCAG AA ✓ Pass

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 61EDCB Background



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

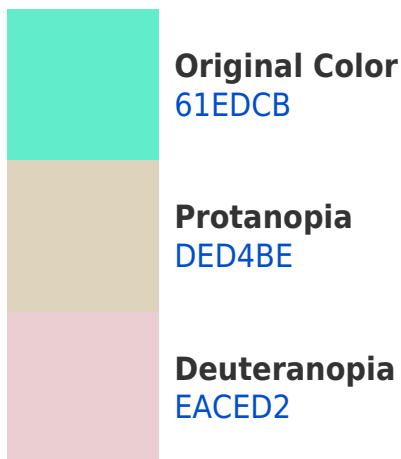


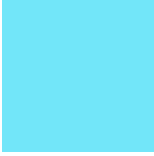
This preview shows how white text looks on a background with the Hex color 61EDCB.

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



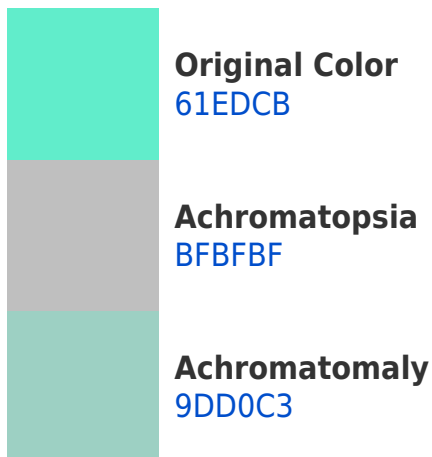


Tritanopia
72E6F9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #61EDCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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