

# Converting Colors

Hex(61EDC5)

Have a look what the booklet for  
Hex(61EDC5) contains.

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# Color

Hex(61EDC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	61EDC5
RGB	97, 237, 197
RGB Percent	38%, 93%, 77%
CMY	0.6196, 0.0706, 0.2275
CMYK	0.59, 0.00, 0.17, 0.07
HSL	163°, 80%, 65%
HSV	163°, 59%, 93%
XYZ	45.2920, 67.1410, 63.3957
YIQ	190.5800, -70.6000, -42.1200

# Conversions

## Conversions Part 2

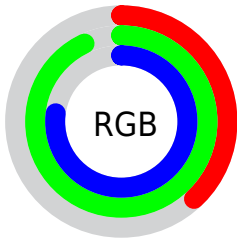
Format	Color
<a href="#">RYB</a>	<a href="#">97, 179, 237</a>
Decimal	<a href="#">6417861</a>
CIELab	<a href="#">85.58, -47.28, 8.12</a>
CIELCh	<a href="#">86, 47.978, 170.251</a>
Yxy	<a href="#">67.1410, 0.2576, 0.3819</a>
Android (android.graphics.Color)	<a href="#">4284607941 (0xFF61EDC5)</a>
YUV	<a href="#">190.5800, 3.1651, -82.0697</a>
Hunter-Lab	<a href="#">81.9396, -44.7287, 11.4858</a>

# Details

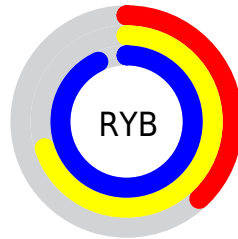
The Hex color **61EDC5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED6189**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9FFFFE**, and **07B48F** is the 20% darker color. If you saturate the color by 10%, you get **49EDBE**, and if you desaturate by 10%, it is **79EDCC**.

# Distribution



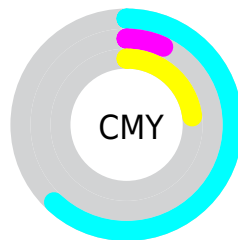
- Red (38%)
- Green (93%)
- Blue (77%)



- Red (38%)
- Yellow (70%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61EDC5 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 61EDC5 by changing the saturation by 10% instead.



 61EDC5

FFFFFF

 9FFFFFFE

 BDBFFF

 DBFFFF

 FAFFFF

 61EDC5

 3FD0AA

 07B48F

 009976

 007E5D

 006445

 004B2F

 00331A

 001C00

 000000

 61EDC5

 61EDC5

 49EDBE

 79EDCC

 32EDB7

 90EDD3

 1AEDB1

 A8EDD9

 02EDAA

 C0EDE0

 00EDA9

 D7EDE7

 EFEDDE

 FFEDF4

 FFEDFB

 FFEDFF

# Harmonies

## Analogous

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



A0E79A



61EDC5



00EEF4

# Triad

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



61EDC5



C5D0FF



FFBE92

# Complementary

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



61EDC5



ED6189

# 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.



FFB3B9



61EDC5



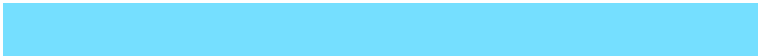
FFBFFF

# Square

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



61EDC5



75DFFF



FFB3E7



FFCE7C

# Rectangle

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



61EDC5



00EBFF



FFB3E7



FFBA9D

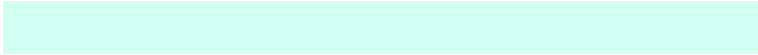


# Sweetspot

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



61EDC5



D1FFF2



8BED61



638077



000000



808080



# Same Dimension

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



61EDC5



4AFFCB



61D1ED



6A7572



00B581



003626



# Inverse Universe

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



ED6189



FF4A7E



ED7D61



756A6D



B50034

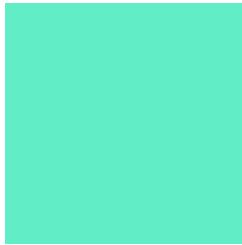


36000F



# Previews

## White Background



This preview shows how the Hex color 61EDC5 looks on a white background.

## Color Contrast Check

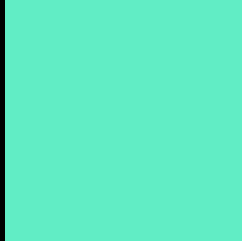
Large Text (above 18pt) WCAG AA × Fail

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 61EDC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

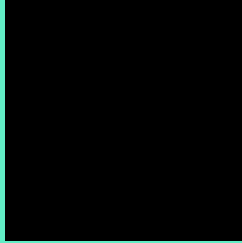
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

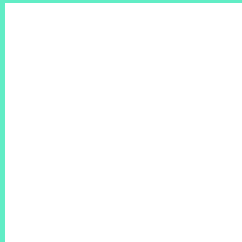
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61EDC5 Background



This preview shows how black text looks on a background with the Hex color 61EDC5.

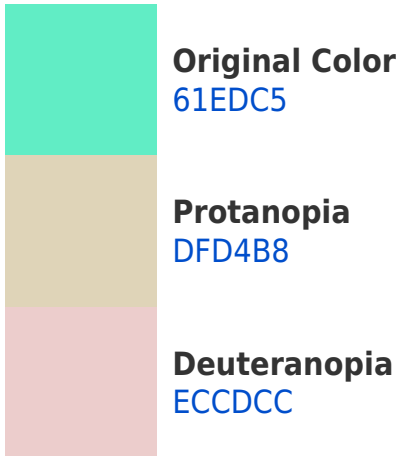


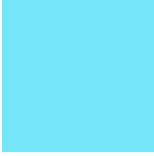
This preview shows how white text looks on a background with the Hex color 61EDC5.

# 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**  
73E6F8

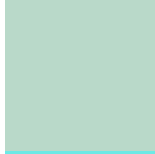
# Trichromacy



**Original Color**  
61EDC5



**Protanomaly**  
B1DDBD



**Deuteranomaly**  
B9D9C9

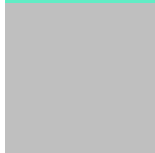


**Tritanomaly**  
6CE9E5

# Monochromacy



**Original Color**  
61EDC5



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9DD0C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61EDC5 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 #61EDC5 looks like.

```
.text, #text, p{  
    color:#61EDC5  
}
```

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 #61EDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61EDC5
}
```

## Border

The CSS property to change the border of an element to Hex 61EDC5 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
#61EDC5 }
```

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

```
.border{ border-color:#61EDC5 }
```

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

Here you see how a box with a 4 pixel #61EDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61EDC5; -webkit-box-shadow:4px 4px  
4px 4px #61EDC5; box-shadow:4px 4px 4px  
4px #61EDC5 }
```

# Background

The CSS property to change the background color of an element to Hex 61EDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61EDC5 }
```

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

```
.background{ background-color:#61EDC5 }
```

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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