

# Converting Colors

Hex(63C1EA)

Have a look what the booklet for  
Hex(63C1EA) contains.

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# **Color**

**Hex(63C1EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C1EA
RGB	99, 193, 234
RGB Percent	39%, 76%, 92%
CMY	0.6118, 0.2431, 0.0824
CMYK	0.58, 0.18, 0.00, 0.08
HSL	198°, 76%, 65%
HSV	198°, 58%, 92%
XYZ	39.0668, 46.7331, 84.8033
YIQ	169.5680, -69.1850, -7.1770

# Conversions

## Conversions Part 2

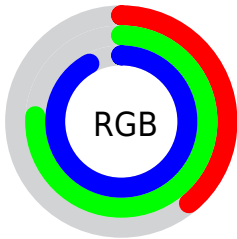
Format	Color
R <sub>Y</sub> B	99, 154, 234
Decimal	6537706
CIE Lab	74.02, -16.25, -28.81
CIE LCh	74, 33.077, 240.567
Yxy	46.7331, 0.2290, 0.2739
Android (android.graphics.Color)	4284727786 (0xFF63C1EA)
YUV	169.5680, 31.7650, -61.8881
Hunter-Lab	68.3616, -17.6248, -25.6967

# Details

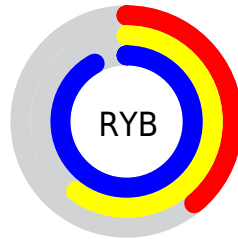
The Hex color **63C1EA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EA8C63**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9FF9FF**, and **178BB2** is the 20% darker color. If you saturate the color by 10%, you get **4CBAEA**, and if you desaturate by 10%, it is **7AC8EA**.

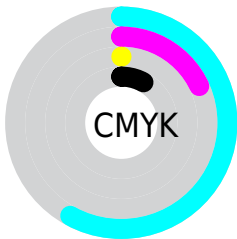
# Distribution



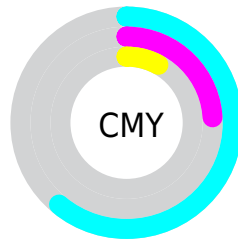
- Red (39%)
- Green (76%)
- Blue (92%)



- Red (39%)
- Yellow (60%)
- Blue (92%)



- Cyan (58%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (61%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63C1EA 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 63C1EA by changing the saturation by 10% instead.



 63C1EA

 63C1EA

FFFFFF

 43A6CE

 9FF9FF

 178BB2

 BDFFFF

 007297

 DBFFFF

 00597D

 F9FFFF

 004264

 002C4C

 001935

 000220

 000003

■ 63C1EA

■ 63C1EA

■ 4CBAEA

■ 7AC8EA

■ 34B3EA

■ 92CFEA

■ 1DACEA

■ A9D6EA

■ 05A5EA

■ C1DDEA

■ 00A3EA

■ D8E5EA

■ EFECEA

■ FFF3EA

■ FFFAEA

■ FFFFEA

# Harmonies

## Analogous

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



51C6D4



63C1EA



8EB9F2

# Triad

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



63C1EA



F09FB7



AABD81

# Complementary

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



63C1EA



EA8C63

# 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.



CAB479



63C1EA



F1A299

# Square

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



63C1EA



DDA4D4



E4AA82



87C497

# Rectangle

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



63C1EA



ADB2EF



E4AA82



B6BB7C

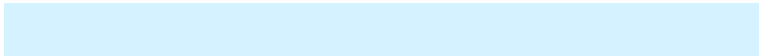


# Sweetspot

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



63C1EA



D4F2FF



63EA8C



667880



000000



808080



# Same Dimension

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



63C1EA



4FCAFF



637EEA



6A7275



007EB5



002536



# Inverse Universe

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



EA63C1



FF4FCA



EACF63



756A72



B5007E



360025



# Previews

## White Background



This preview shows how the Hex color 63C1EA looks on a white background.

## Color Contrast Check

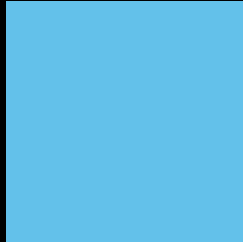
Large Text (above 18pt) WCAG AA × Fail

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 63C1EA 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 63C1EA Background



This preview shows how black text looks on a background with the Hex color 63C1EA.

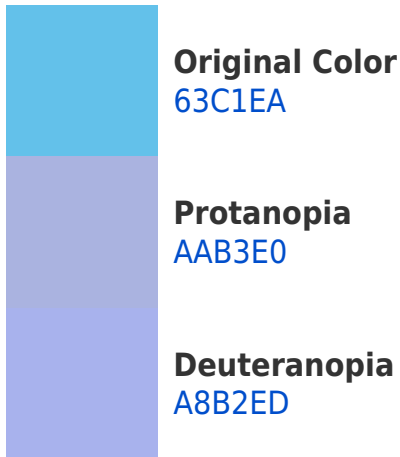


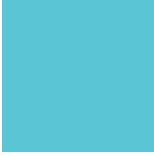
This preview shows how white text looks on a background with the Hex color 63C1EA.

# 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](#).

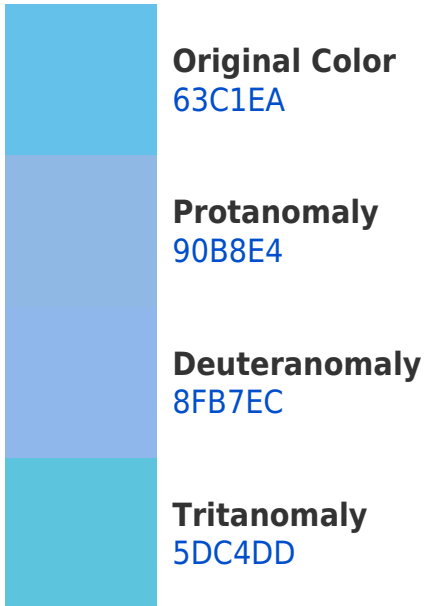
## Dichromacy



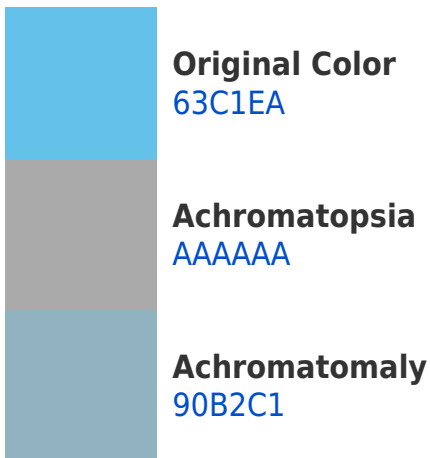


**Tritanopia**  
5AC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63C1EA 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 #63C1EA looks like.

```
.text, #text, p{  
    color:#63C1EA  
}
```

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 #63C1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C1EA
}
```

## Border

The CSS property to change the border of an element to Hex 63C1EA 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
#63C1EA }
```

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

```
.border{ border-color:#63C1EA }
```

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

Here you see how a box with a 4 pixel #63C1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C1EA; -webkit-box-shadow:4px 4px  
4px 4px #63C1EA; box-shadow:4px 4px 4px  
4px #63C1EA }
```

# Background

The CSS property to change the background color of an element to Hex 63C1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C1EA }
```

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

```
.background{ background-color:#63C1EA }
```

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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