

# Converting Colors

Hex(64C9EC)

Have a look what the booklet for  
Hex(64C9EC) contains.

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# **Color**

**Hex(64C9EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C9EC
RGB	100, 201, 236
RGB Percent	39%, 79%, 93%
CMY	0.6078, 0.2118, 0.0745
CMYK	0.58, 0.15, 0.00, 0.07
HSL	195°, 78%, 66%
HSV	195°, 58%, 93%
XYZ	41.2825, 50.5387, 86.9360
YIQ	174.7910, -71.4310, -10.5270

# Conversions

## Conversions Part 2

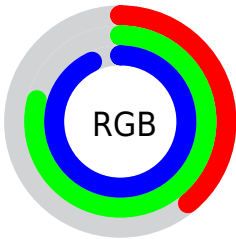
Format	Color
<a href="#">RYB</a>	<a href="#">100, 158, 236</a>
Decimal	<a href="#">6605292</a>
CIELab	<a href="#">76.40, -19.61, -26.23</a>
CIELCh	<a href="#">76, 32.756, 233.217</a>
Yxy	<a href="#">50.5387, 0.2309, 0.2827</a>
Android (android.graphics.Color)	<a href="#">4284795372 (0xFF64C9EC)</a>
YUV	<a href="#">174.7910, 30.1760, -65.5917</a>
Hunter-Lab	<a href="#">71.0906, -20.7532, -22.7417</a>

# Details

The Hex color **64C9EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC8764**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A1FFFF**, and **1793B4** is the 20% darker color. If you saturate the color by 10%, you get **4CC3EC**, and if you desaturate by 10%, it is **7CCFEC**.

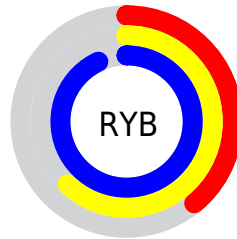
# Distribution



Red (39%)

Green (79%)

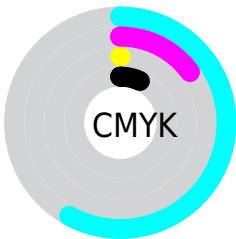
Blue (93%)



Red (39%)

Yellow (62%)

Blue (93%)

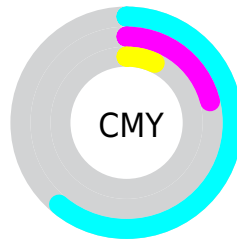


Cyan (58%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (21%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C9EC 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 64C9EC by changing the saturation by 10% instead.



 64C9EC

 64C9EC

FFFFFF

 43AED0


 A1FFFF

 1793B4

 BEFFFF

 007999

 DCFFFF

 00607F

 FBFFFF

 004866

 00314E

 001E37

 000221

 000007

■ 64C9EC

■ 64C9EC

■ 4CC3EC

■ 7CCFEC

■ 35BDEC

■ 93D5EC

■ 1DB7EC

■ ABDBEC

■ 06B1EC

■ C2E1EC

■ 00AFEC

■ DAE7EC

■ F2EDEC

■ FFF4EC

■ FFFAEC

■ FFFFEC

# Harmonies

## Analogous

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



5CCDD3



64C9EC



8AC1F8

# Triad

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



64C9EC



F3A6C5



B9C284

# Complementary

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



64C9EC



EC8764

# 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.



D8B880



64C9EC



F9A7A6

# Square

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



64C9EC



DDADE1



EFAE8D



96C997

# Rectangle

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



64C9EC



A9BBF7



EFAE8D



C4BF81

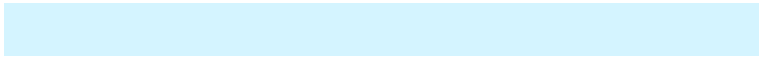


# Sweetspot

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



64C9EC



D4F4FF



64EC86



667980



000000



808080



# Same Dimension

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



64C9EC



4FD2FF



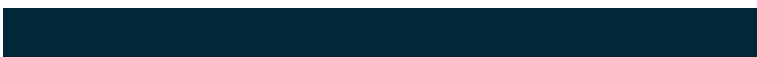
6486EC



6A7275



0086B5



002836



# Inverse Universe

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



EC64C9



FF4FD2



ECCA64



756A72



B50086

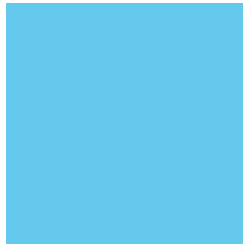


360028



# Previews

## White Background



This preview shows how the Hex color 64C9EC looks on a white background.

## Color Contrast Check

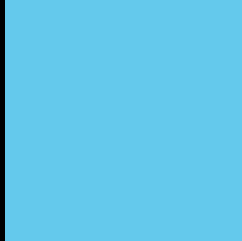
Large Text (above 18pt) WCAG AA × Fail

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 64C9EC 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 64C9EC Background



This preview shows how black text looks on a background with the Hex color 64C9EC.

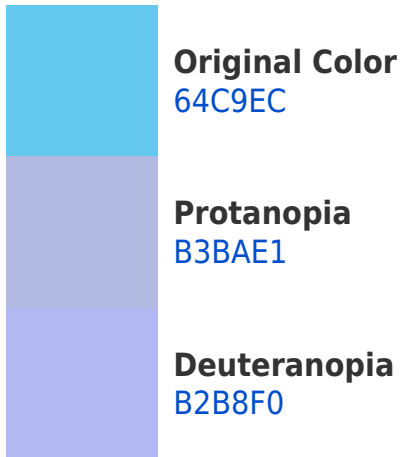


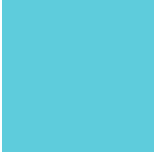
This preview shows how white text looks on a background with the Hex color 64C9EC.

# Color Blindness Simulation

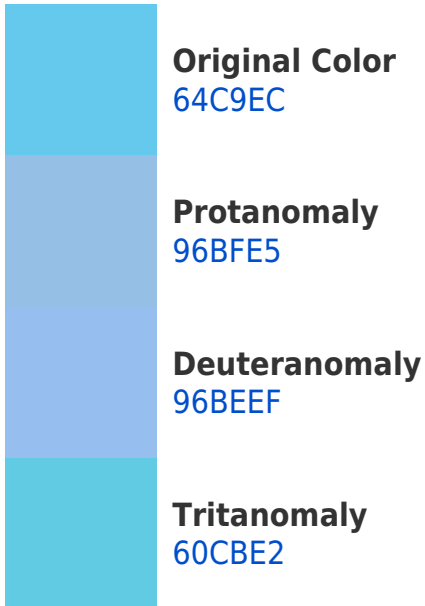
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

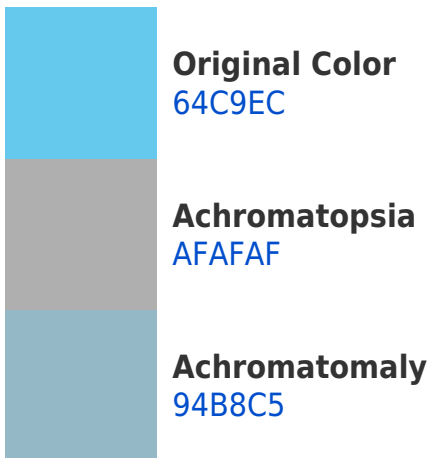




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C9EC 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 #64C9EC looks like.

```
.text, #text, p{  
    color:#64C9EC  
}
```

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 #64C9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C9EC
}
```

## Border

The CSS property to change the border of an element to Hex 64C9EC 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
#64C9EC }
```

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

```
.border{ border-color:#64C9EC }
```

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

Here you see how a box with a 4 pixel #64C9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C9EC; -webkit-box-shadow:4px 4px  
4px 4px #64C9EC; box-shadow:4px 4px 4px  
4px #64C9EC }
```

# Background

The CSS property to change the background color of an element to Hex 64C9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C9EC }
```

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

```
.background{ background-color:#64C9EC }
```

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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