

# Converting Colors

Hex(64C6EA)

Have a look what the booklet for  
Hex(64C6EA) contains.

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# **Color**

**Hex(64C6EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C6EA
RGB	100, 198, 234
RGB Percent	39%, 78%, 92%
CMY	0.6078, 0.2235, 0.0824
CMYK	0.57, 0.15, 0.00, 0.08
HSL	196°, 76%, 65%
HSV	196°, 57%, 92%
XYZ	40.3009, 49.0380, 85.1831
YIQ	172.8020, -69.9640, -9.5800

# Conversions

## Conversions Part 2

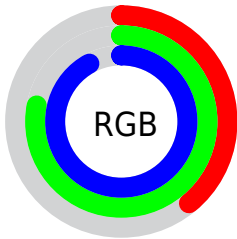
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	100, 157, 234
Decimal	6604522
CIE Lab	75.47, -18.66, -26.57
CIE LCh	75, 32.467, 234.925
Yxy	49.0380, 0.2309, 0.2810
Android (android.graphics.Color)	4284794602 (0xFF64C6EA)
YUV	172.8020, 30.1706, -63.8474
Hunter-Lab	70.0271, -19.8200, -23.1031

# Details

The Hex color **64C6EA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EA8864**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A0FFFF**, and **1990B2** is the 20% darker color. If you saturate the color by 10%, you get **4DC0EA**, and if you desaturate by 10%, it is **7BCCEA**.

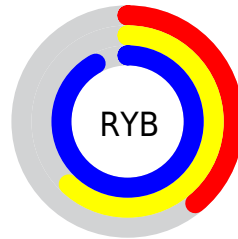
# Distribution



Red (39%)

Green (78%)

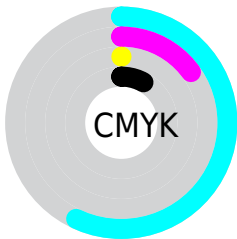
Blue (92%)



Red (39%)

Yellow (62%)

Blue (92%)

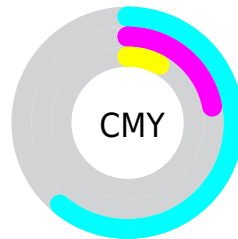


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (22%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C6EA 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 64C6EA by changing the saturation by 10% instead.



 64C6EA

FFFFFF

 A0FFFF

 BEFFFF

 DCFFFF

 FAFFFF

 64C6EA

 44ABCE

 1990B2

 007697

 005E7D

 004664

 002F4C

 001C35

 000220

 000004

■ 64C6EA

■ 64C6EA

■ 4DC0EA

■ 7BCCEA

■ 35B9EA

■ 93D3EA

■ 1EB3EA

■ AAD9EA

■ 06ADEA

■ C2DFEA

■ 00ABEA

■ D9E5EA

■ F0ECEA

■ FFF2EA

■ FFF8EA

■ FFFFEA

# Harmonies

## Analogous

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



5ACAD2



64C6EA



8BBEF5

# Triad

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



64C6EA



F1A4C0



B5C083

# Complementary

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



64C6EA



EA8864

# 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.



D4B67E



64C6EA



F6A5A2

# Square

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



64C6EA



DBAADD



EBAC8A



92C797

# Rectangle

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



64C6EA



A9B8F3



EBAC8A



C0BD80

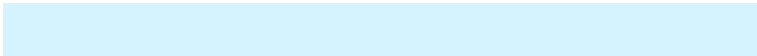


# Sweetspot

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



64C6EA



D4F3FF



64EA88



667980



000000



808080



# Same Dimension

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



64C6EA



4FD0FF



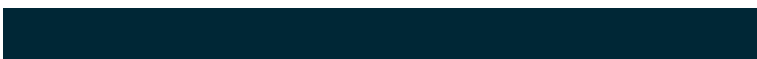
6483EA



6A7275



0084B5



002736



# Inverse Universe

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



EA64C6



FF4FD0



EACB64



756A72



B50084

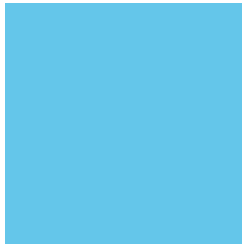


360027



# Previews

## White Background



This preview shows how the Hex color 64C6EA looks on a white background.

## Color Contrast Check

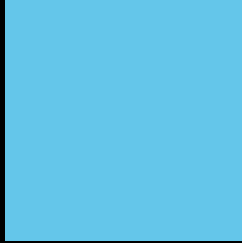
Large Text (above 18pt) WCAG AA × Fail

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 64C6EA 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 64C6EA Background



This preview shows how black text looks on a background with the Hex color 64C6EA.

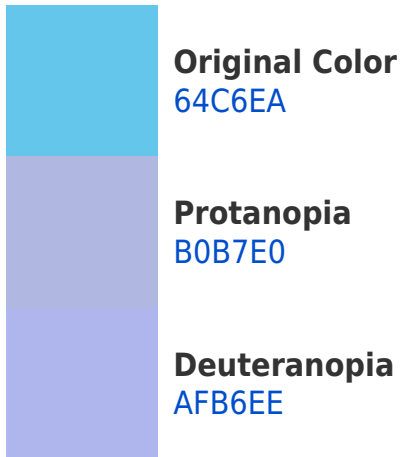


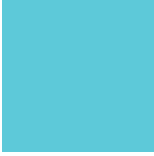
This preview shows how white text looks on a background with the Hex color 64C6EA.

# 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](#).

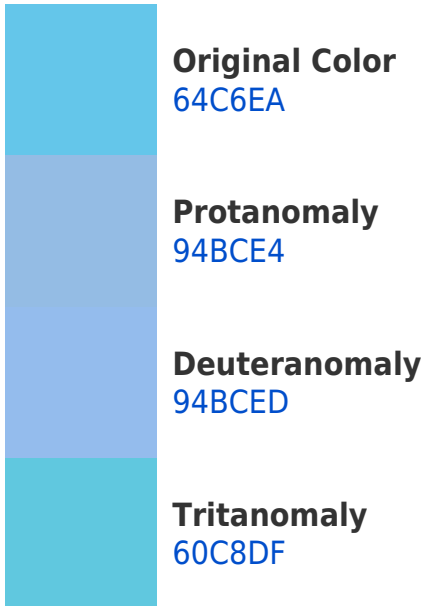
## Dichromacy



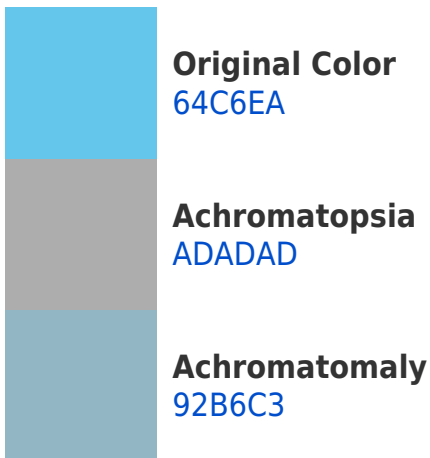


**Tritanopia**  
5DC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C6EA 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 #64C6EA looks like.

```
.text, #text, p{  
    color:#64C6EA  
}
```

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 #64C6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C6EA
}
```

## Border

The CSS property to change the border of an element to Hex 64C6EA 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
#64C6EA }
```

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

```
.border{ border-color:#64C6EA }
```

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

Here you see how a box with a 4 pixel #64C6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C6EA; -webkit-box-shadow:4px 4px  
4px 4px #64C6EA; box-shadow:4px 4px 4px  
4px #64C6EA }
```

# Background

The CSS property to change the background color of an element to Hex 64C6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C6EA }
```

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

```
.background{ background-color:#64C6EA }
```

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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