

Converting Colors

Hex(64B9EC)

Have a look what the booklet for
Hex(64B9EC) contains.

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Color

Hex(64B9EC)

Conversions

Conversions Part 1

Format	Color
Hex	64B9EC
RGB	100, 185, 236
RGB Percent	39%, 73%, 93%
CMY	0.6078, 0.2745, 0.0745
CMYK	0.58, 0.22, 0.00, 0.07
HSL	202°, 78%, 66%
HSV	202°, 58%, 93%
XYZ	37.7448, 43.4634, 85.7568
YIQ	165.3990, -67.0310, -2.1590

Conversions

Conversions Part 2

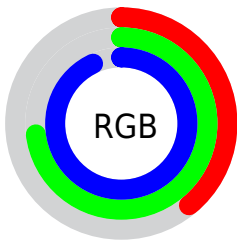
Format	Color
RYB	100, 152, 236
Decimal	6601196
CIELab	71.87, -11.23, -33.20
CIELCh	72, 35.049, 251.318
Yxy	43.4634, 0.2261, 0.2603
Android (android.graphics.Color)	4284791276 (0xFF64B9EC)
YUV	165.3990, 34.8063, -57.3549
Hunter-Lab	65.9268, -13.1759, -30.9750

Details

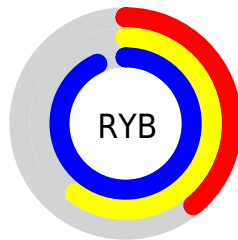
The Hex color **64B9EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC9764**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A0F1FF**, and **1B84B4** is the 20% darker color. If you saturate the color by 10%, you get **4CB0EC**, and if you desaturate by 10%, it is **7CC2EC**.

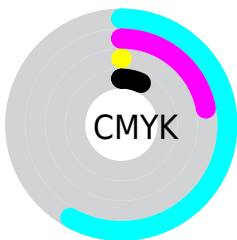
Distribution



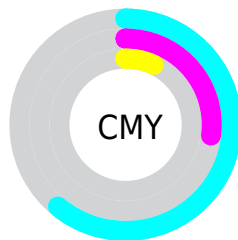
- Red (39%)
- Green (73%)
- Blue (93%)



- Red (39%)
- Yellow (60%)
- Blue (93%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B9EC 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 64B9EC by changing the saturation by 10% instead.

 64B9EC

 64B9EC

FFFFFF

 449ED0

 A0F1FF

 1B84B4

 BEFFFF

 006B99

 DBFFFF

 00537F

 FAFFFF

 003C66

 00264D

 001036

 000220

 000005

 64B9EC

 64B9EC

 4CB0EC

 7CC2EC

 35A7EC

 93CBEC

 1D9EEC

 ABD4EC

 0696EC

 C2DCEC

 0093EC

 DAE5EC

 F2EEEC

 FFF7EC

 FFFFEC

Harmonies

Analogous

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



3FBFD9



64B9EC



97AFEF

Triad

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



64B9EC



EF98A5



96BB7F

Complementary

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



64B9EC



EC9764

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.



BAB271



64B9EC



EA9D87

Square

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



64B9EC



E29AC5



D7A774



70C09B

Rectangle

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



64B9EC



B6A7E7



D7A774



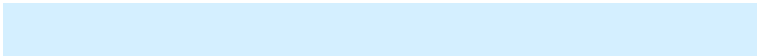
A3B879

Sweetspot

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



64B9EC



D4EFFF



64EC96



667680



000000



808080

Same Dimension

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



64B9EC



4FBDFE



6476EC



6A7175



0071B5



002136

Inverse Universe

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



EC64B9



FF4FBD



ECDA64



756A71



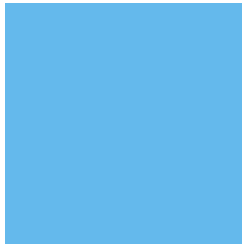
B50071



360021

Previews

White Background



This preview shows how the Hex color 64B9EC looks on a white background.

Color Contrast Check

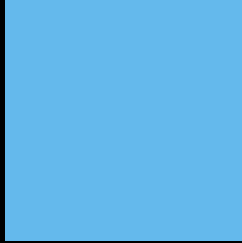
Large Text (above 18pt) WCAG AA × Fail

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 64B9EC 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

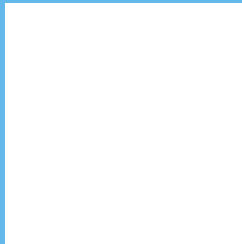
Any Text WCAG AAA ✓ Pass

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

Hex 64B9EC Background



This preview shows how black text looks on a background with the Hex color 64B9EC.

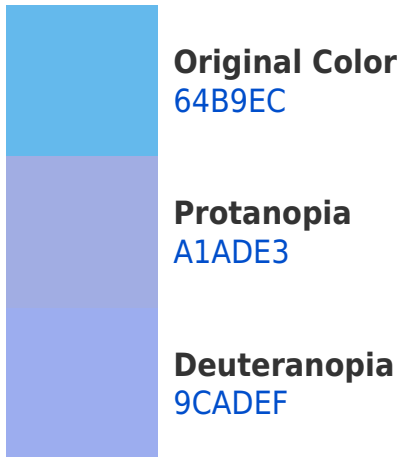


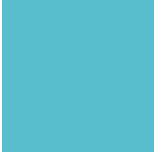
This preview shows how white text looks on a background with the Hex color 64B9EC.

Color Blindness Simulation

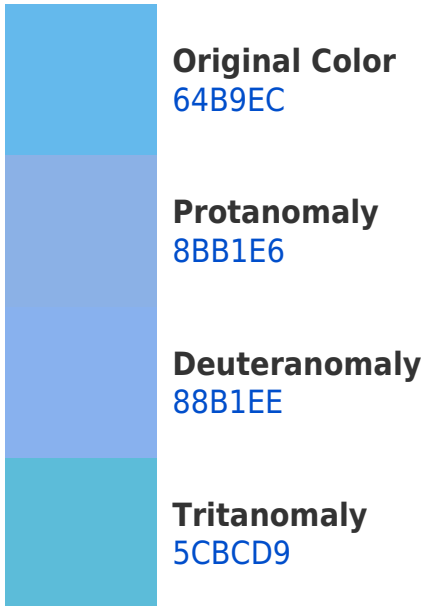
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

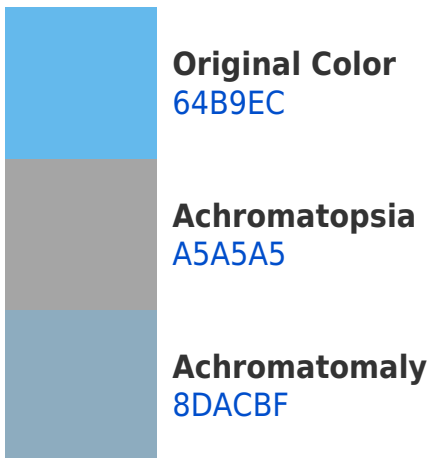




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B9EC 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 #64B9EC looks like.

```
.text, #text, p{  
    color:#64B9EC  
}
```

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 #64B9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B9EC
}
```

Border

The CSS property to change the border of an element to Hex 64B9EC 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
#64B9EC }
```

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

```
.border{ border-color:#64B9EC }
```

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

Here you see how a box with a 4 pixel #64B9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B9EC; -webkit-box-shadow:4px 4px  
4px 4px #64B9EC; box-shadow:4px 4px 4px  
4px #64B9EC }
```

Background

The CSS property to change the background color of an element to Hex 64B9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B9EC }
```

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

```
.background{ background-color:#64B9EC }
```

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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