

Converting Colors

Hex(65B4EC)

Have a look what the booklet for
Hex(65B4EC) contains.

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Color

Hex(65B4EC)

Conversions

Conversions Part 1

Format	Color
Hex	65B4EC
RGB	101, 180, 236
RGB Percent	40%, 71%, 93%
CMY	0.6039, 0.2941, 0.0745
CMYK	0.57, 0.24, 0.00, 0.07
HSL	205°, 78%, 66%
HSV	205°, 57%, 93%
XYZ	36.8284, 41.4653, 85.4194
YIQ	162.7630, -65.0600, 0.6680

Conversions

Conversions Part 2

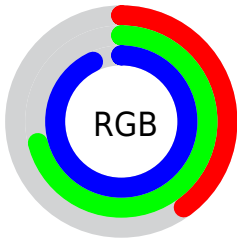
Format	Color
R _Y B	101, 151, 236
Decimal	6665452
CIE Lab	70.50, -8.33, -35.32
CIE LCh	71, 36.287, 256.728
Yxy	41.4653, 0.2250, 0.2533
Android (android.graphics.Color)	4284855532 (0xFF65B4EC)
YUV	162.7630, 36.1058, -54.1662
Hunter-Lab	64.3936, -10.5999, -33.5739

Details

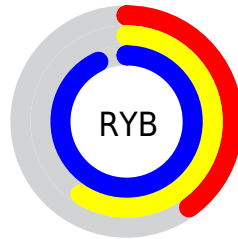
The Hex color **65B4EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC9D65**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A1ECFF**, and **1E7FB4** is the 20% darker color. If you saturate the color by 10%, you get **4DAAEC**, and if you desaturate by 10%, it is **7DBEEC**.

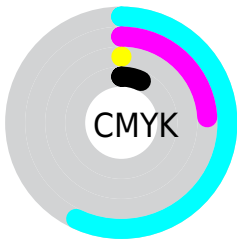
Distribution



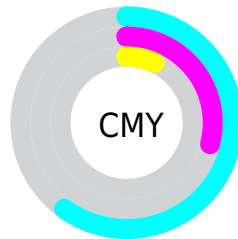
- Red (40%)
- Green (71%)
- Blue (93%)



- Red (40%)
- Yellow (59%)
- Blue (93%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B4EC 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 65B4EC by changing the saturation by 10% instead.

 65B4EC

 65B4EC

FFFFFF

 4599D0

 A1ECFF

 1E7FB4

 BEFFFF

 006699

 DCFFFF

 004F7F

 FAFFFF

 003865

 00234D

 000836

 000220

 000004

■ 65B4EC

■ 65B4EC

■ 4DAAEC

■ 7DBEEC

■ 36A0EC

■ 94C8EC

■ 1E97EC

■ ACD1EC

■ 078DEC

■ C3DBEC

■ 008AEC

■ DBE5EC

■ F3EFEC

■ FFF9EC

■ FFFFEC

Harmonies

Analogous

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



33BBDB



65B4EC



9BA9EB

Triad

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



65B4EC



ED949B



8BB97E

Complementary

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



65B4EC



EC9D65

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.



B0B06C



65B4EC



E59A7E

Square

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



65B4EC



E495BD



CFA56C



61BD9C

Rectangle

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



65B4EC



BAA1E1



CFA56C



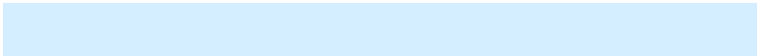
98B676

Sweetspot

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



65B4EC



D4EDFF



65EC9B



667580



000000



808080

Same Dimension

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



65B4EC



4FB6FF



6572EC



6A7075



006AB5



001F36

Inverse Universe

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



EC65B4



FF4FB6



ECDE65



756A70



B5006A



36001F

Previews

White Background



This preview shows how the Hex color 65B4EC looks on a white background.

Color Contrast Check

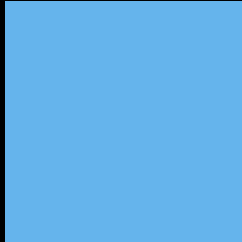
Large Text (above 18pt) WCAG AA × Fail

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 65B4EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

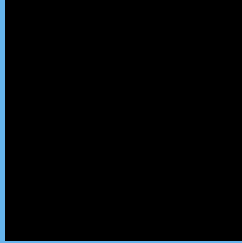
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

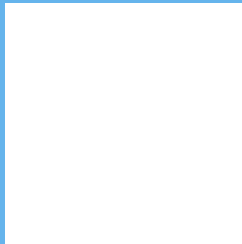
Any Text WCAG AAA ✓ Pass

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

Hex 65B4EC Background



This preview shows how black text looks on a background with the Hex color 65B4EC.



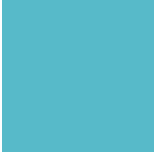
This preview shows how white text looks on a background with the Hex color 65B4EC.

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](#).

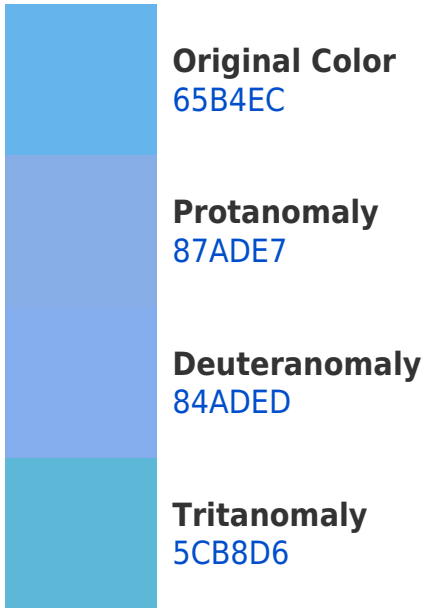
Dichromacy



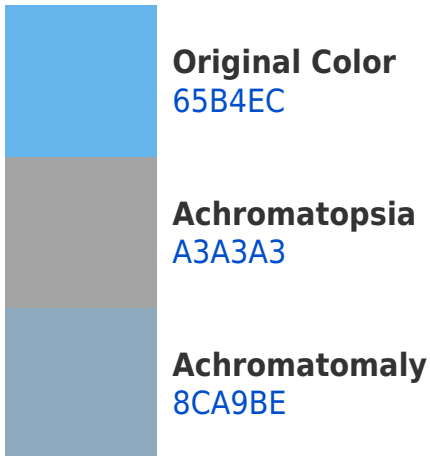


Tritanopia
57BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B4EC 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 #65B4EC looks like.

```
.text, #text, p{  
    color:#65B4EC  
}
```

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 #65B4EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B4EC
}
```

Border

The CSS property to change the border of an element to Hex 65B4EC 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
#65B4EC }
```

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

```
.border{ border-color:#65B4EC }
```

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

Here you see how a box with a 4 pixel #65B4EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B4EC; -webkit-box-shadow:4px 4px  
4px 4px #65B4EC; box-shadow:4px 4px 4px  
4px #65B4EC }
```

Background

The CSS property to change the background color of an element to Hex 65B4EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B4EC }
```

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

```
.background{ background-color:#65B4EC }
```

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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