

Converting Colors

Hex(65A2EB)

Have a look what the booklet for
Hex(65A2EB) contains.

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Color

Hex(65A2EB)

Conversions

Conversions Part 1

Format	Color
Hex	65A2EB
RGB	101, 162, 235
RGB Percent	40%, 64%, 92%
CMY	0.6039, 0.3647, 0.0784
CMYK	0.57, 0.31, 0.00, 0.08
HSL	213°, 77%, 66%
HSV	213°, 57%, 92%
XYZ	33.2826, 34.6055, 83.5226
YIQ	152.0830, -59.7890, 9.7710

Conversions

Conversions Part 2

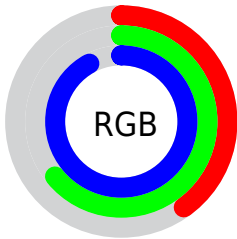
Format	Color
RYB	101, 143, 235
Decimal	6660843
CIELab	65.44, 1.39, -42.67
CIElCh	65, 42.690, 271.860
Yxy	34.6055, 0.2198, 0.2286
Android (android.graphics.Color)	4284850923 (0xFF65A2EB)
YUV	152.0830, 40.8781, -44.7998
Hunter-Lab	58.8265, -1.9554, -43.0022

Details

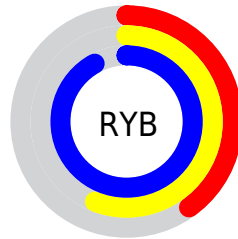
The Hex color **65A2EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBAE65**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A0D9FF**, and **1F6FB3** is the 20% darker color. If you saturate the color by 10%, you get **4E95EB**, and if you desaturate by 10%, it is **7DAFEB**.

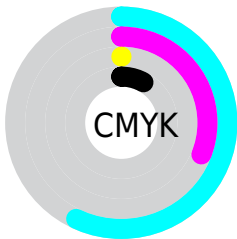
Distribution



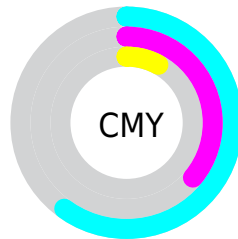
- Red (40%)
- Green (64%)
- Blue (92%)



- Red (40%)
- Yellow (56%)
- Blue (92%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (36%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A2EB 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 65A2EB by changing the saturation by 10% instead.

■ 65A2EB

■ 65A2EB

FFFFFF

■ 4688CF

■ A0D9FF

■ 1F6FB3

■ BEF5FF

■ 005798

■ DBFFFF

■ 00407E

■ FAFFFF

■ 002A64

■ 00164C

■ 000534

■ 00021E

■ 000001

■ 65A2EB

■ 65A2EB

■ 4E95EB

■ 7DAFEB

■ 3688EB

■ 94BCEB

■ 1F7CEB

■ ACC8EB

■ 076FEB

■ C3D5EB

■ 006BEB

■ DBE2EB

■ F2EFEB

■ FFFCEB

■ FFFFEB

Harmonies

Analogous

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



00ACE2



65A2EB



A594E0

Triad

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



65A2EB



E68479



5DB079

Complementary

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



65A2EB



EBAE65

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.



8DA95C



65A2EB



D3905C

Square

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



65A2EB



E6809E



B49D51



00B3A0

Rectangle

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



65A2EB



C48BCF



B49D51



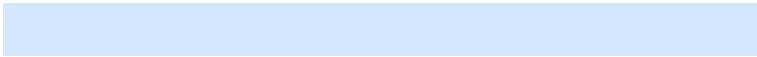
6EAE6E

Sweetspot

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



65A2EB



D4E7FF



65EBAC



667280



000000



808080

Same Dimension

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



65A2EB



52A1FF



6965EB



6A6F75



0052B5



001836

Inverse Universe

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



EB65A2



FF52A1



E7EB65



756A6F



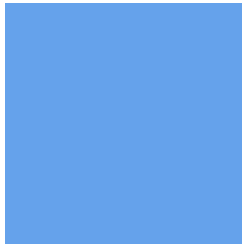
B50052



360018

Previews

White Background



This preview shows how the Hex color 65A2EB looks on a white background.

Color Contrast Check

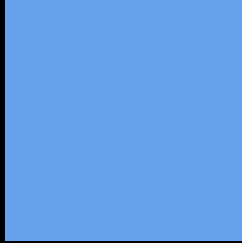
Large Text (above 18pt) WCAG AA × Fail

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 65A2EB 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

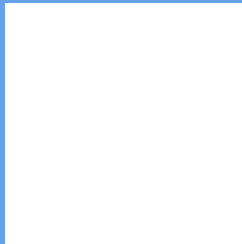
Any Text WCAG AAA ✓ Pass

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

Hex 65A2EB Background



This preview shows how black text looks on a background with the Hex color 65A2EB.

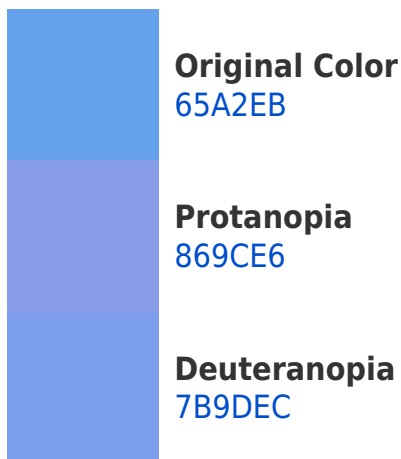


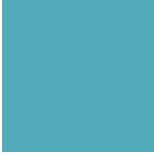
This preview shows how white text looks on a background with the Hex color 65A2EB.

Color Blindness Simulation

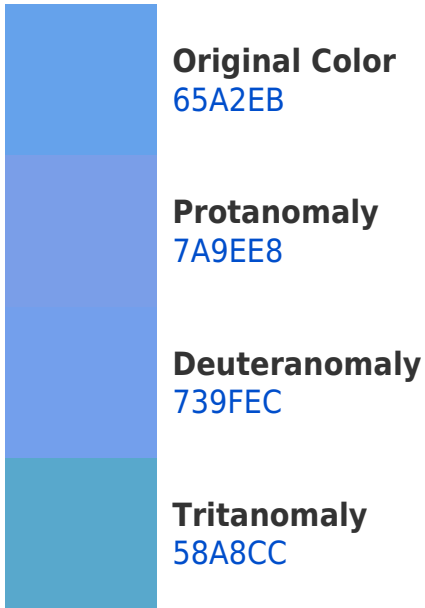
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

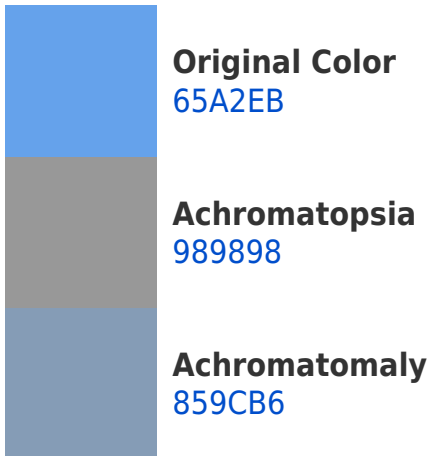




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A2EB 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 #65A2EB looks like.

```
.text, #text, p{  
    color:#65A2EB  
}
```

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 #65A2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A2EB
}
```

Border

The CSS property to change the border of an element to Hex 65A2EB 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
#65A2EB }
```

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

```
.border{ border-color:#65A2EB }
```

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

Here you see how a box with a 4 pixel #65A2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A2EB; -webkit-box-shadow:4px 4px  
4px 4px #65A2EB; box-shadow:4px 4px 4px  
4px #65A2EB }
```

Background

The CSS property to change the background color of an element to Hex 65A2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A2EB }
```

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

```
.background{ background-color:#65A2EB }
```

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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