

Converting Colors

Hex(68B8E5)

Have a look what the booklet for
Hex(68B8E5) contains.

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Color

Hex(68B8E5)

Conversions

Conversions Part 1

Format	Color
Hex	68B8E5
RGB	104, 184, 229
RGB Percent	41%, 72%, 90%
CMY	0.5922, 0.2784, 0.1020
CMYK	0.55, 0.20, 0.00, 0.10
HSL	202°, 71%, 65%
HSV	202°, 55%, 90%
XYZ	36.9923, 42.8812, 80.4559
YIQ	165.2100, -62.1250, -2.9650

Conversions

Conversions Part 2

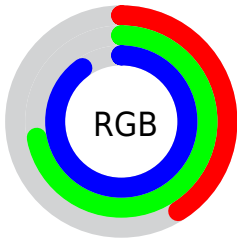
Format	Color
RYB	104, 153, 229
Decimal	6863077
CIELab	71.47, -11.99, -30.00
CIElCh	71, 32.302, 248.217
Yxy	42.8812, 0.2307, 0.2675
Android (android.graphics.Color)	4285053157 (0xFF68B8E5)
YUV	165.2100, 31.4485, -53.6812
Hunter-Lab	65.4837, -13.7605, -27.0075

Details

The Hex color **68B8E5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E59568**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A3F0FF**, and **2683AD** is the 20% darker color. If you saturate the color by 10%, you get **51B0E5**, and if you desaturate by 10%, it is **7FC0E5**.

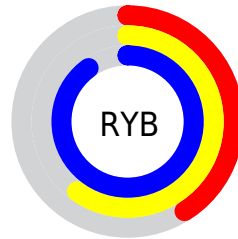
Distribution



Red (41%)

Green (72%)

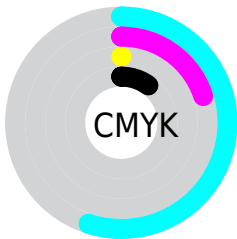
Blue (90%)



Red (41%)

Yellow (60%)

Blue (90%)

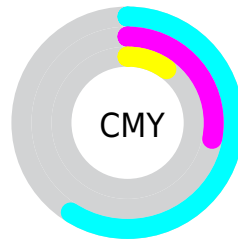


Cyan (55%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (59%)

Magenta (28%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B8E5 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 68B8E5 by changing the saturation by 10% instead.

 68B8E5

 68B8E5

FFFFFF

 499DC9

 A3F0FF

 2683AD

 C0FFFF

 006A93

 DEFFFF

 005279

 FCFFFF

 003B60

 002548

 000E31

 00011C

 000000

■ 68B8E5

■ 68B8E5

■ 51B0E5

■ 7FC0E5

■ 3AA8E5

■ 96C8E5

■ 239FE5

■ ADD1E5

■ 0C97E5

■ C4D9E5

■ 0093E5

■ DBE1E5

■ F1E9E5

■ FFF2E5

■ FFFAE5

■ FFFF E5

Harmonies

Analogous

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



4DBED2



68B8E5



94AFE9

Triad

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



68B8E5



E999A8



9BB880

Complementary

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



68B8E5



E59568

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.



BBB074



68B8E5



E69D8C

Square

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



68B8E5



DB9CC6



D6A679



78BD98

Rectangle

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



68B8E5



B1A8E3



D6A679



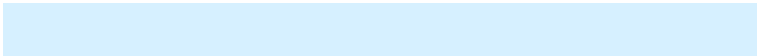
A6B67A

Sweetspot

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



68B8E5



D6F0FF



68E594



677780



000000



808080

Same Dimension

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



68B8E5



57C2FF



687BE5



676F73



0072B3



002133

Inverse Universe

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



E568B8



FF57C2



E5D268



73676F



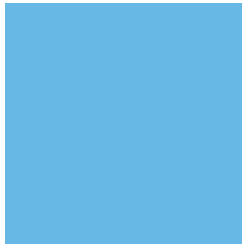
B30072



330021

Previews

White Background



This preview shows how the Hex color 68B8E5 looks on a white background.

Color Contrast Check

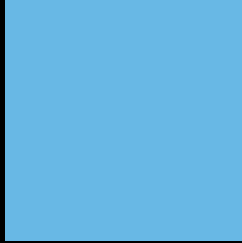
Large Text (above 18pt) WCAG AA × Fail

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 68B8E5 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

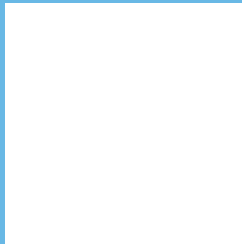
Any Text WCAG AAA ✓ Pass

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

Hex 68B8E5 Background



This preview shows how black text looks on a background with the Hex color 68B8E5.

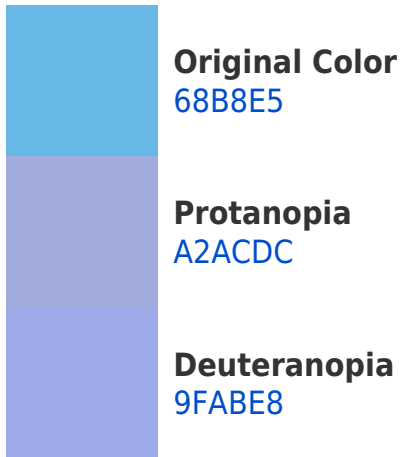


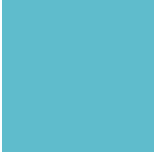
This preview shows how white text looks on a background with the Hex color 68B8E5.

Color Blindness Simulation

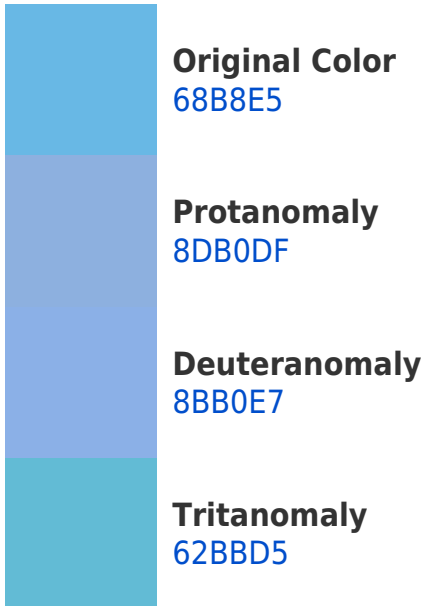
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

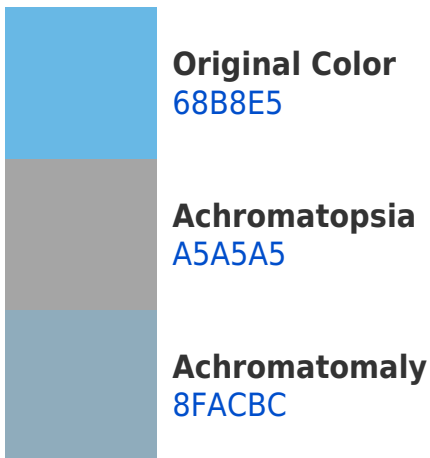




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B8E5 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 #68B8E5 looks like.

```
.text, #text, p{  
    color:#68B8E5  
}
```

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 #68B8E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B8E5  
}
```

Border

The CSS property to change the border of an element to Hex 68B8E5 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  
#68B8E5 }
```

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

```
.border{ border-color:#68B8E5 }
```

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

Here you see how a box with a 4 pixel #68B8E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B8E5; -webkit-box-shadow:4px 4px  
4px 4px #68B8E5; box-shadow:4px 4px 4px  
4px #68B8E5 }
```

Background

The CSS property to change the background color of an element to Hex 68B8E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B8E5 }
```

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

```
.background{ background-color:#68B8E5 }
```

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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