

Converting Colors

Hex(68B8E6)

Have a look what the booklet for
Hex(68B8E6) contains.

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Color

Hex(68B8E6)

Conversions

Conversions Part 1

Format	Color
Hex	68B8E6
RGB	104, 184, 230
RGB Percent	41%, 72%, 90%
CMY	0.5922, 0.2784, 0.0980
CMYK	0.55, 0.20, 0.00, 0.10
HSL	202°, 72%, 65%
HSV	202°, 55%, 90%
XYZ	37.1323, 42.9372, 81.1935
YIQ	165.3240, -62.4460, -2.6540

Conversions

Conversions Part 2

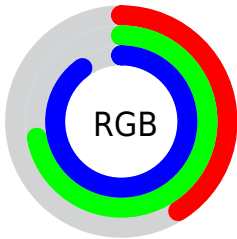
Format	Color
RYB	104, 153, 230
Decimal	6863078
CIELab	71.51, -11.69, -30.48
CIELCh	72, 32.646, 249.015
Yxy	42.9372, 0.2303, 0.2663
Android (android.graphics.Color)	4285053158 (0xFF68B8E6)
YUV	165.3240, 31.8853, -53.7811
Hunter-Lab	65.5265, -13.5196, -27.5974

Details

The Hex color **68B8E6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E69668**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A3F0FF**, and **2583AE** is the 20% darker color. If you saturate the color by 10%, you get **51B0E6**, and if you desaturate by 10%, it is **7FC0E6**.

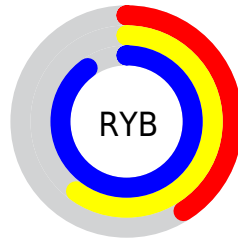
Distribution



Red (41%)

Green (72%)

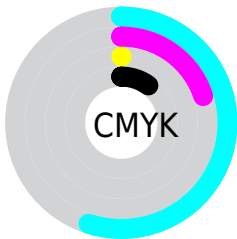
Blue (90%)



Red (41%)

Yellow (60%)

Blue (90%)

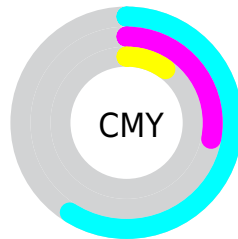


Cyan (55%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (59%)

Magenta (28%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B8E6 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 68B8E6 by changing the saturation by 10% instead.

 68B8E6

 68B8E6

FFFFFF

 499DCA

 A3F0FF

 2583AE

 C0FFFF

 006A94

 DEFFFF

 00527A

 FCFFFF

 003B61

 002549

 000E32

 00021C

 000000

■ 68B8E6

■ 68B8E6

■ 51B0E6

■ 7FC0E6

■ 3AA7E6

■ 96C9E6

■ 239FE6

■ ADD1E6

■ 0C96E6

■ C4DAE6

■ 0092E6

■ DBE2E6

■ F2EAE6

■ FFF3E6

■ FFFBE6

■ FFFFE6

Harmonies

Analogous

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



4BBED4



68B8E6



95AFE4

Triad

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



68B8E6



EA99A7



9AB980

Complementary

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



68B8E6



E69668

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



68B8E6



E79D8B

Square

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



68B8E6



DC9CC5



D6A678



77BE99

Rectangle

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



68B8E6



B2A8E3



D6A678



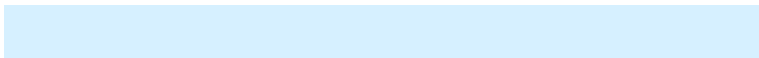
A5B67A

Sweetspot

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



68B8E6



D6F0FF



68E694



677780



000000



808080

Same Dimension

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



68B8E6



57C2FF



687BE6



676F73



0071B3



002033

Inverse Universe

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



E668B8



FF57C2



E6D368



73676F



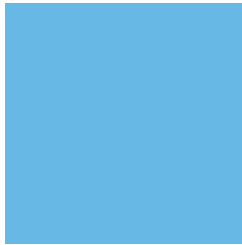
B30071



330020

Previews

White Background



This preview shows how the Hex color 68B8E6 looks on a white background.

Color Contrast Check

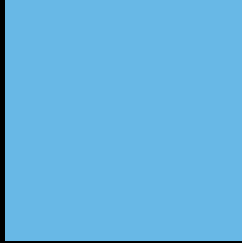
Large Text (above 18pt) WCAG AA × Fail

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 68B8E6 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

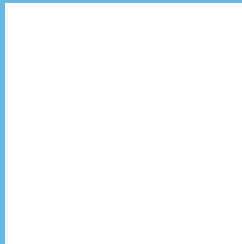
Any Text WCAG AAA ✓ Pass

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

Hex 68B8E6 Background



This preview shows how black text looks on a background with the Hex color 68B8E6.

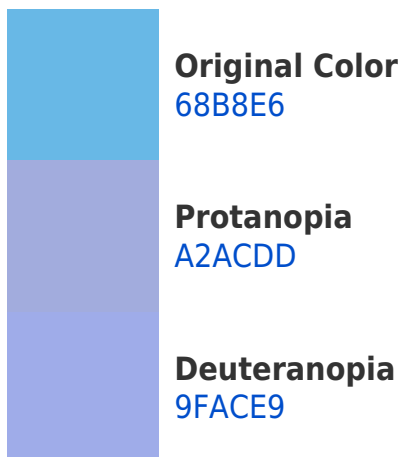


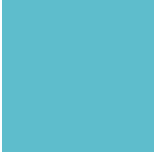
This preview shows how white text looks on a background with the Hex color 68B8E6.

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

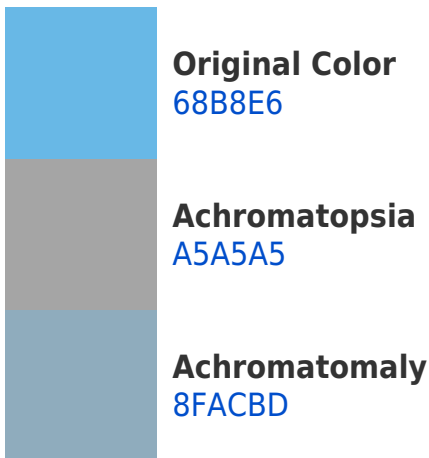




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B8E6 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 #68B8E6 looks like.

```
.text, #text, p{  
    color:#68B8E6  
}
```

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 #68B8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B8E6
}
```

Border

The CSS property to change the border of an element to Hex 68B8E6 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
#68B8E6 }
```

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

```
.border{ border-color:#68B8E6 }
```

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

Here you see how a box with a 4 pixel #68B8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B8E6; -webkit-box-shadow:4px 4px  
4px 4px #68B8E6; box-shadow:4px 4px 4px  
4px #68B8E6 }
```

Background

The CSS property to change the background color of an element to Hex 68B8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B8E6 }
```

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

```
.background{ background-color:#68B8E6 }
```

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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