

Converting Colors

Hex(68EEC5)

Have a look what the booklet for
Hex(68EEC5) contains.

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Color

Hex(68EEC5)

Conversions

Conversions Part 1

Format	Color
Hex	68EEC5
RGB	104, 238, 197
RGB Percent	41%, 93%, 77%
CMY	0.5922, 0.0667, 0.2275
CMYK	0.56, 0.00, 0.17, 0.07
HSL	162°, 80%, 67%
HSV	162°, 56%, 93%
XYZ	46.3615, 68.1233, 63.5289
YIQ	193.2600, -66.7030, -41.1590

Conversions

Conversions Part 2

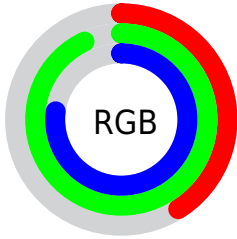
Format	Color
RYB	104, 183, 238
Decimal	6876869
CIELab	86.07, -46.36, 8.86
CIELCh	86, 47.198, 169.184
Yxy	68.1233, 0.2604, 0.3827
Android (android.graphics.Color)	4285066949 (0xFF68EEC5)
YUV	193.2600, 1.8438, -78.2810
Hunter-Lab	82.5369, -44.1749, 12.1401

Details

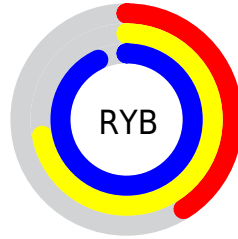
The Hex color **68EEC5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EE6891**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A5FFFE**, and **1EB58F** is the 20% darker color. If you saturate the color by 10%, you get **50EEBE**, and if you desaturate by 10%, it is **80EECC**.

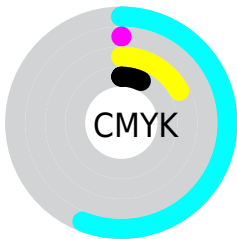
Distribution



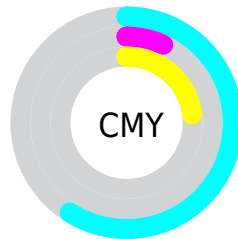
- Red (41%)
- Green (93%)
- Blue (77%)



- Red (41%)
- Yellow (72%)
- Blue (93%)



- Cyan (56%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (59%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68EEC5 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 68EEC5 by changing the saturation by 10% instead.

 68EEC5

 68EEC5


FFFFFF

 47D1AA

 A5FFFE

 1EB58F

 C3FFFF

 009A76

 E1FFFF

 007F5D

 006545

 004C2F

 00341A

 001E00

 000000

 68EEC5

 68EEC5

 50EEBE

 80EECC

 38EEB6

 98EED4

 21EEAF

 AFEEDB

 09EEA8

 C7EEE2

 00EEA5

 DFEEE9

 F7EEF1

 FFEEF8

 FFEEFF

Harmonies

Analogous

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



A4E89B



68EEC5



00EFF3

Triad

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



68EEC5



C4D2FF



FFC095

Complementary

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



68EEC5



EE6891

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.



FFB5BC



68EEC5



FFC1FF

Square

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



68EEC5



76E1FF



FFB6E9



FFCF7F

Rectangle

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



68EEC5



00EDFF



FFB6E9



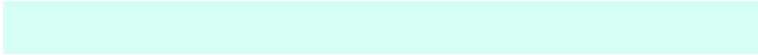
FFBBA1

Sweetspot

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



68EEC5



D4FFF2



92EE68



668078



000000



808080

Same Dimension

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



68EEC5



52FFCA



68D5EE



6C7874



00B87F



003827

Inverse Universe

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



EE6891



FF5287



EE8168



786C70



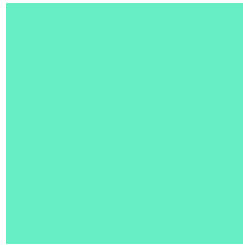
B80038



380011

Previews

White Background



This preview shows how the Hex color 68EEC5 looks on a white background.

Color Contrast Check

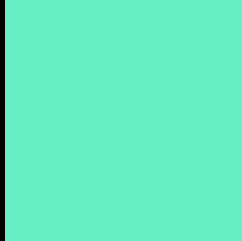
Large Text (above 18pt) WCAG AA × Fail

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 68EEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

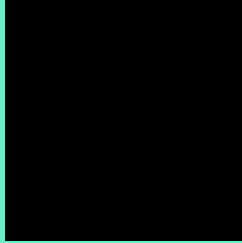
Any Text WCAG AA ✓ Pass

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 68EEC5 Background



This preview shows how black text looks on a background with the Hex color 68EEC5.

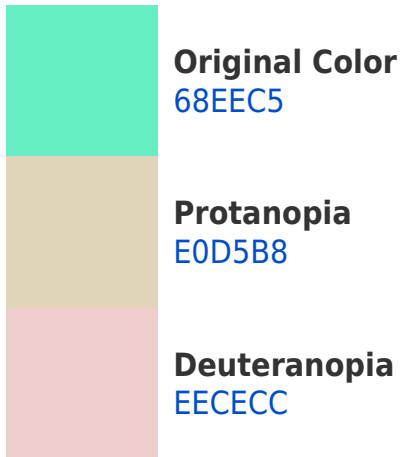


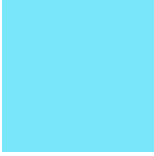
This preview shows how white text looks on a background with the Hex color 68EEC5.

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
79E7F9

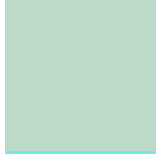
Trichromacy



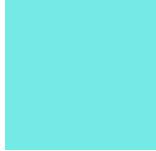
Original Color
68EEC5



Protanomaly
B4DEBD



Deuteranomaly
BDDAC9

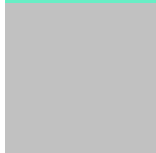


Tritanomaly
73EAE6

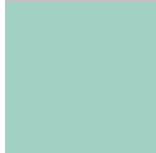
Monochromacy



Original Color
68EEC5



Achromatopsia
C1C1C1



Achromatomaly
A1D1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 68EEC5 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 #68EEC5 looks like.

```
.text, #text, p{  
    color:#68EEC5  
}
```

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 #68EEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68EEC5
}
```

Border

The CSS property to change the border of an element to Hex 68EEC5 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
#68EEC5 }
```

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

```
.border{ border-color:#68EEC5 }
```

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

Here you see how a box with a 4 pixel #68EEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68EEC5; -webkit-box-shadow:4px 4px  
4px 4px #68EEC5; box-shadow:4px 4px 4px  
4px #68EEC5 }
```

Background

The CSS property to change the background color of an element to Hex 68EEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68EEC5 }
```

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

```
.background{ background-color:#68EEC5 }
```

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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