

Converting Colors

Hex(68EECE)

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

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Color

Hex(68EECE)

Conversions

Conversions Part 1

Format	Color
Hex	68EECE
RGB	104, 238, 206
RGB Percent	41%, 93%, 81%
CMY	0.5922, 0.0667, 0.1922
CMYK	0.56, 0.00, 0.13, 0.07
HSL	166°, 80%, 67%
HSV	166°, 56%, 93%
XYZ	47.4240, 68.5484, 69.1242
YIQ	194.2860, -69.5920, -38.3600

Conversions

Conversions Part 2

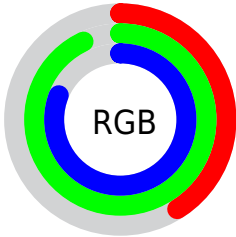
Format	Color
RYB	104, 180, 238
Decimal	6876878
CIELab	86.28, -44.29, 4.45
CIELCh	86, 44.512, 174.258
Yxy	68.5484, 0.2562, 0.3703
Android (android.graphics.Color)	4285066958 (0xFF68EECE)
YUV	194.2860, 5.7750, -79.1808
Hunter-Lab	82.7939, -42.6453, 8.4549

Details

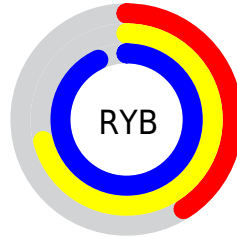
The Hex color **68EECE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EE6888**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A5FFFF**, and **1DB598** is the 20% darker color. If you saturate the color by 10%, you get **50EEC8**, and if you desaturate by 10%, it is **80EED4**.

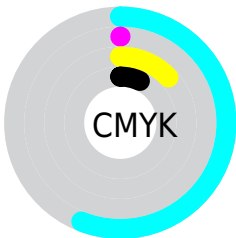
Distribution



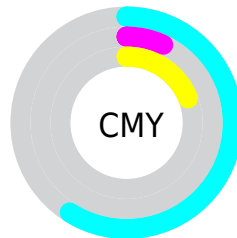
- Red (41%)
- Green (93%)
- Blue (81%)



- Red (41%)
- Yellow (71%)
- Blue (93%)



- Cyan (56%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (59%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 68EECE

 68EECE

FFFFFF

 47D1B3

 A5FFFF

 1DB598

 C3FFFF

 009A7E

 E1FFFF

 007F65

 00664D

 004D36

 003521

 001E0B

 000000

 68EECE

 68EECE

 50EEC8

 80EED4

 38EEC3

 98EED9

 21EEBD

 AFEEDF

 09EEB7

 C7EEE5

 00EEB5

 DFEEEA

 F7EEF0

 FFEEF6

 FFEEFB

 FFEEFF

Harmonies

Analogous

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



A0E9A5



68EECE



2DEEF9

Triad

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



68EECE



D1D0FF



FFC495

Complementary

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



68EECE



EE6888

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.



FFB9B7



68EECE



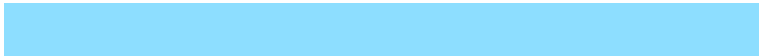
FFC1FF

Square

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



68EECE



8DDEFF



FFB8E2



FBD384

Rectangle

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



68EECE



2DEBFF



FFB8E2



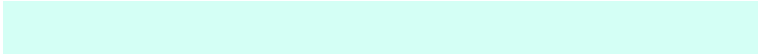
FFC09F

Sweetspot

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



68EECE



D4FFF5



89EE68



668079



000000



808080

Same Dimension

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



68EECE



52FFD6



68CCEE



6C7875



00B88C



00382B

Inverse Universe

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



EE6888



FF527B



EE8968



786C6F



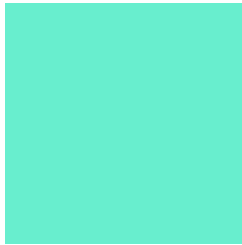
B8002C



38000D

Previews

White Background



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

Color Contrast Check

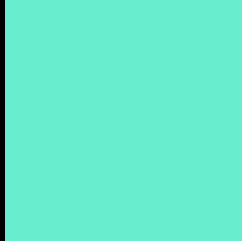
Large Text (above 18pt) WCAG AA × Fail

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 68EECE 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 68EECE Background



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

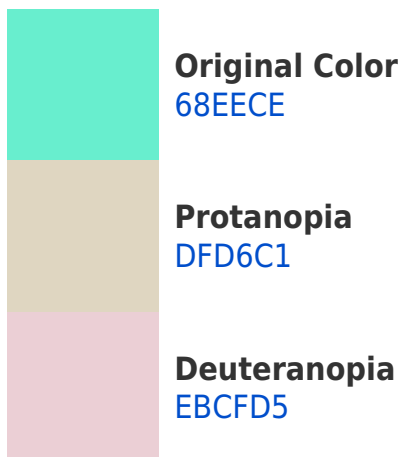


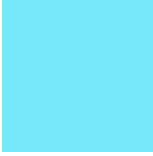
This preview shows how white text looks on a background with the Hex color 68EECE.

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
77E8FA

Trichromacy



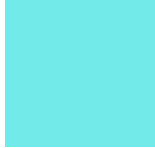
Original Color
68EECE



Protanomaly
B4DFC6



Deuteranomaly
BBDAD2

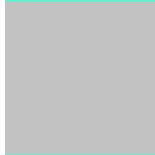


Tritanomaly
72EAEA

Monochromacy



Original Color
68EECE



Achromatopsia
C2C2C2



Achromatomaly
A1D2C6

CSS Examples

Text

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

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

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 #68EECE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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