

Converting Colors

Hex(68EEF2)

Have a look what the booklet for
Hex(68EEF2) contains.

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Color

Hex(68EEF2)

Conversions

Conversions Part 1

Format	Color
Hex	68EEF2
RGB	104, 238, 242
RGB Percent	41%, 93%, 95%
CMY	0.5922, 0.0667, 0.0510
CMYK	0.57, 0.02, 0.00, 0.05
HSL	182°, 84%, 68%
HSV	182°, 57%, 95%
XYZ	52.3105, 70.5029, 94.8558
YIQ	198.3900, -81.1480, -27.1640

Conversions

Conversions Part 2

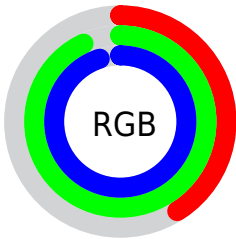
Format	Color
RYB	104, 172, 242
Decimal	6876914
CIELab	87.24, -35.26, -13.01
CIElCh	87, 37.585, 200.250
Yxy	70.5029, 0.2403, 0.3239
Android (android.graphics.Color)	4285066994 (0xFF68EEF2)
YUV	198.3900, 21.4997, -82.7800
Hunter-Lab	83.9660, -35.7358, -8.2032

Details

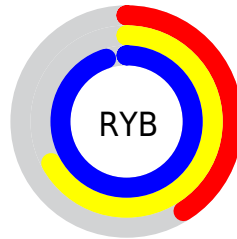
The Hex color **68EEF2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F26C68**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A7FFFF**, and **12B6BA** is the 20% darker color. If you saturate the color by 10%, you get **50EDF2**, and if you desaturate by 10%, it is **80EFF2**.

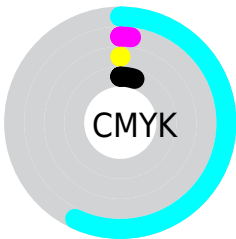
Distribution



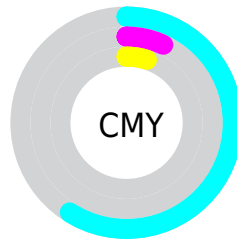
- Red (41%)
- Green (93%)
- Blue (95%)



- Red (41%)
- Yellow (67%)
- Blue (95%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68EEF2 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 68EEF2 by changing the saturation by 10% instead.

 68EEF2

FFFFFF

 A7FFFF

 C5FFFF

 E4FFFF

 68EEF2

 45D1D6

 12B6BA

 009A9F

 008085

 00666C

 004E53

 00363C

 002227

 000112

 68EEF2

 68EEF2

 50EDF2

 80EFF2

 38EDF2

 98EFF2

 1FECF2

 B1F0F2

 07EBF2

 C9F1F2

 00EBF2

 E1F2F2

 F9F2F2

 FFF3F2

 FFF4F2

Harmonies

Analogous

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



88EDCD



68EEF2



6DEAFF

Triad

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



68EEF2



FDC9FF



FED494

Complementary

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



68EEF2



F26C68

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.



FFC9A5



68EEF2



FFC1E8

Square

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



68EEF2



CFD6FF



FFC1C4



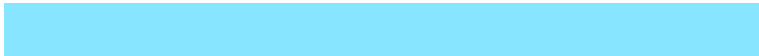
DBE097

Rectangle

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



68EEF2



88E5FF



FFC1C4



FFD098

Sweetspot

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



68EEF2



D4FEFF



68F26A



667F80



000000



808080

Same Dimension

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



68EEF2



52FAFF



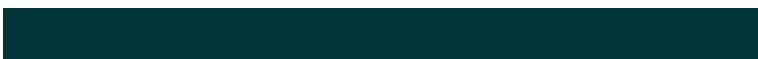
68ABF2



6C7878



00B2B8



003638

Inverse Universe

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



F268EE



FF52FA



F2AF68



786C78



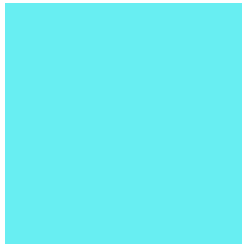
B800B2



380036

Previews

White Background



This preview shows how the Hex color 68EEF2 looks on a white background.

Color Contrast Check

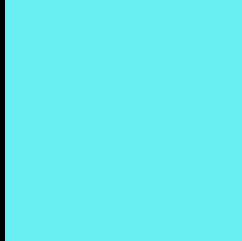
Large Text (above 18pt) WCAG AA × Fail

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 68EEF2 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 68EEF2 Background



This preview shows how black text looks on a background with the Hex color 68EEF2.

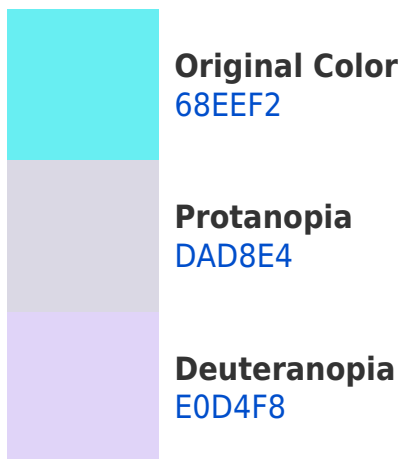


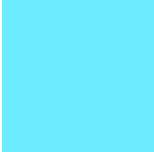
This preview shows how white text looks on a background with the Hex color 68EEF2.

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
6EECFE

Trichromacy



Original Color
68EEF2



Protanomaly
B1E0E9



Deuteranomaly
B4DDF6

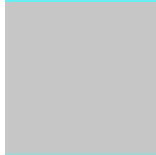


Tritanomaly
6CEDFA

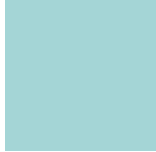
Monochromacy



Original Color
68EEF2



Achromatopsia
C6C6C6



Achromatomaly
A4D5D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 68EEF2 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 #68EEF2 looks like.

```
.text, #text, p{  
    color:#68EEF2  
}
```

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 #68EEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68EEF2
}
```

Border

The CSS property to change the border of an element to Hex 68EEF2 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
#68EEF2 }
```

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

```
.border{ border-color:#68EEF2 }
```

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

Here you see how a box with a 4 pixel #68EEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68EEF2; -webkit-box-shadow:4px 4px  
4px 4px #68EEF2; box-shadow:4px 4px 4px  
4px #68EEF2 }
```

Background

The CSS property to change the background color of an element to Hex 68EEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68EEF2 }
```

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

```
.background{ background-color:#68EEF2 }
```

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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