

Converting Colors

Hex(68EB8A)

Have a look what the booklet for
Hex(68EB8A) contains.

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Color

Hex(68EB8A)

Conversions

Conversions Part 1

Format	Color
Hex	68EB8A
RGB	104, 235, 138
RGB Percent	41%, 92%, 54%
CMY	0.5922, 0.0784, 0.4588
CMYK	0.56, 0.00, 0.41, 0.08
HSL	136°, 77%, 66%
HSV	136°, 56%, 92%
XYZ	40.0047, 64.1947, 34.3271
YIQ	184.7730, -46.9390, -57.9390

Conversions

Conversions Part 2

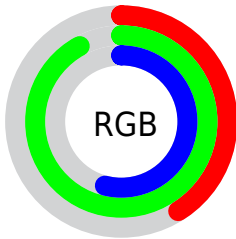
Format	Color
RYB	104, 208, 235
Decimal	6876042
CIELab	84.07, -56.61, 36.41
CIELCh	84, 67.311, 147.255
Yxy	64.1947, 0.2888, 0.4634
Android (android.graphics.Color)	4285066122 (0xFF68EB8A)
YUV	184.7730, -23.0591, -70.8379
Hunter-Lab	80.1216, -51.0878, 30.6830

Details

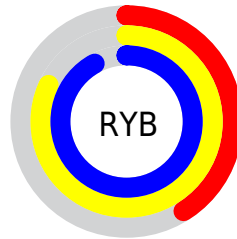
The Hex color **68EB8A** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EB68C9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A4FFC0**, and **21B256** is the 20% darker color. If you saturate the color by 10%, you get **51EB79**, and if you desaturate by 10%, it is **7FEB9B**.

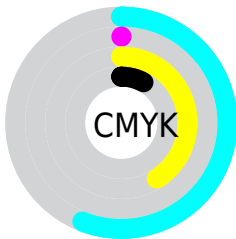
Distribution



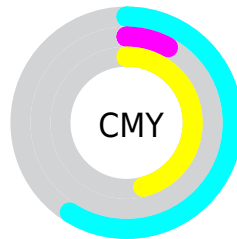
- Red (41%)
- Green (92%)
- Blue (54%)



- Red (41%)
- Yellow (82%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)



- Cyan (59%)
- Magenta (8%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68EB8A 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 68EB8A by changing the saturation by 10% instead.

 68EB8A

 68EB8A

FFFFFF

 48CE70

 A4FFC0

 21B256

 C2FFDD

 00973E

 E0FFF9

 007C25

FEFFFF

 00620B

 004900

 003200

 001700

 000000

 68EB8A

 68EB8A

 51EB79

 7FEB9B

 39EB67

 97EBAD

 21EB56

 AFEBBE

 0AEB44

 C6EBD0

 00EB3D

 DDEBE1

 F5EBF2

 FFEbff

Harmonies

Analogous

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



BDF5A



68EB8A



00F1CA

Triad

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



68EB8A



1BD AFF



FF9F9B

Complementary

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



68EB8A



EB68C9

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.



FF9ADA



68EB8A



CBC3FF

Square

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



68EB8A



00E9FF



FFAAFF



FFB467

Rectangle

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



68EB8A



00F1F5



FFAAFF



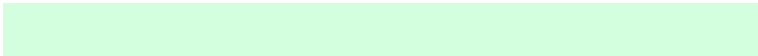
FF9BB0

Sweetspot

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



68EB8A



D4FFDF



CAEB68



66806D



000000



808080

Same Dimension

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



68EB8A



54FF80



68EBCA



6A756D



00B52F



00360E

Inverse Universe

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



EB68C9



FF54D3



EB6889



756A72



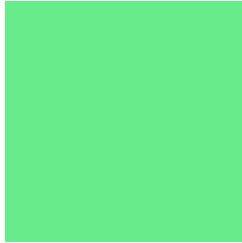
B50086



360028

Previews

White Background



This preview shows how the Hex color 68EB8A 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 68EB8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

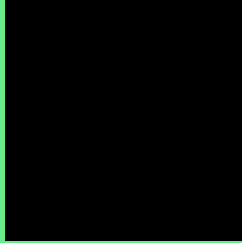
Any Text WCAG AA ✓ Pass

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 68EB8A Background



This preview shows how black text looks on a background with the Hex color 68EB8A.

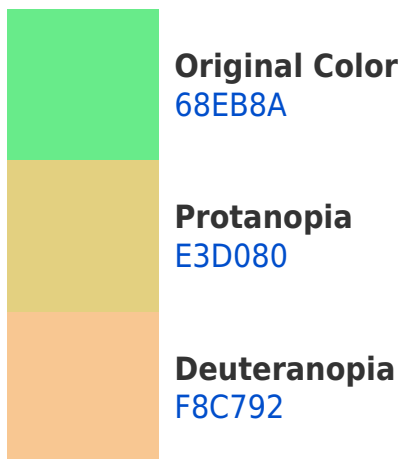


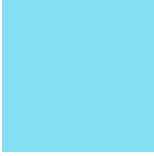
This preview shows how white text looks on a background with the Hex color 68EB8A.

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



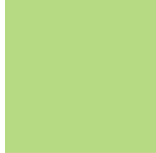


Tritanopia
83DFF1

Trichromacy



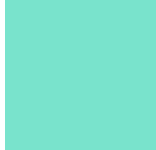
Original Color
68EB8A



Protanomaly
B6DA84



Deuteranomaly
C4D48F

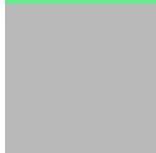


Tritanomaly
79E3CC

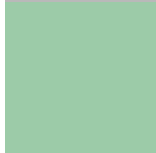
Monochromacy



Original Color
68EB8A



Achromatopsia
B9B9B9



Achromatomaly
9CCBA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 68EB8A 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 #68EB8A looks like.

```
.text, #text, p{  
    color:#68EB8A  
}
```

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 #68EB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68EB8A
}
```

Border

The CSS property to change the border of an element to Hex 68EB8A 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
#68EB8A }
```

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

```
.border{ border-color:#68EB8A }
```

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

Here you see how a box with a 4 pixel #68EB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68EB8A; -webkit-box-shadow:4px 4px  
4px 4px #68EB8A; box-shadow:4px 4px 4px  
4px #68EB8A }
```

Background

The CSS property to change the background color of an element to Hex 68EB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68EB8A }
```

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

```
.background{ background-color:#68EB8A }
```

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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