

Converting Colors

Hex(58EFB2)

Have a look what the booklet for
Hex(58EFB2) contains.

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Color

Hex(58EFB2)

Conversions

Conversions Part 1

Format	Color
Hex	58EFB2
RGB	88, 239, 178
RGB Percent	35%, 94%, 70%
CMY	0.6549, 0.0627, 0.3020
CMYK	0.63, 0.00, 0.26, 0.06
HSL	156°, 83%, 64%
HSV	156°, 63%, 94%
XYZ	42.9269, 67.0221, 52.7936
YIQ	186.8970, -70.4150, -50.9830

Conversions

Conversions Part 2

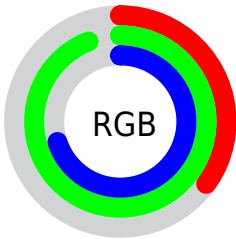
Format	Color
RYB	88, 183, 239
Decimal	5828530
CIELab	85.52, -53.95, 17.90
CIELCh	86, 56.839, 161.640
Yxy	67.0221, 0.2638, 0.4118
Android (android.graphics.Color)	4284018610 (0xFF58EFB2)
YUV	186.8970, -4.3862, -86.7327
Hunter-Lab	81.8670, -49.6710, 19.0726

Details

The Hex color **58EFB2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EF5895**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **97FFEA**, and **00B67D** is the 20% darker color. If you saturate the color by 10%, you get **40EFA8**, and if you desaturate by 10%, it is **70EFBC**.

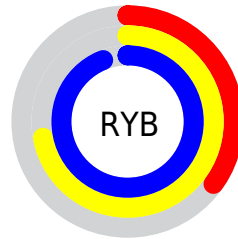
Distribution



Red (35%)

Green (94%)

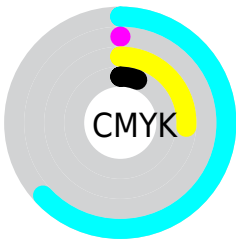
Blue (70%)



Red (35%)

Yellow (72%)

Blue (94%)

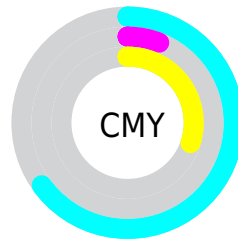


Cyan (63%)

Magenta (0%)

Yellow (26%)

Black (6%)



Cyan (65%)

Magenta (6%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58EFB2 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 58EFB2 by changing the saturation by 10% instead.

 58EFB2

 58EFB2

FFFFFF

 32D297

 97FFEA

 00B67D

 B6FFFF

 009A64

 D4FFFF

 00804C

 F3FFFF

 006535

 004C1F

 003409

 001C00

 000000

 58EFB2

 58EFB2

 40EFA8

 70EFBC

 28EF9F

 88EFC5

 10EF95

 A0EFCF

 00EF8E

 B8EFD9

 CFEFE2

 E7EFEC

 FFEFF6

 FFEFFF

Harmonies

Analogous

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



A7E783



58EFB2



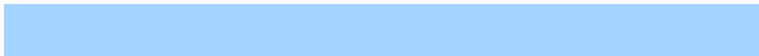
00F1EA

Triad

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



58EFB2



A3D4FF



FFB491

Complementary

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



58EFB2



EF5895

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.



FFA9C3



58EFB2



F6C0FF

Square

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



58EFB2



00E5FF



FFAEF9



FFC76F

Rectangle

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



58EFB2



00FOFF



FFAEF9



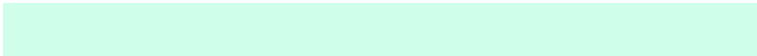
FFAFA0

Sweetspot

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



58EFB2



CFFFEB



97EF58



628074



000000



808080

Same Dimension

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



58EFB2



3DFFB1



58E2EF



6C7873



00B86D



003821

Inverse Universe

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



EF5895



FF3D8B



EF6558



786C71



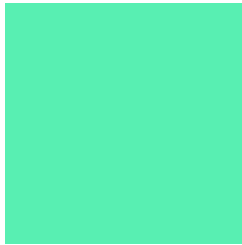
B8004A



380017

Previews

White Background



This preview shows how the Hex color 58EFB2 looks on a white background.

Color Contrast Check

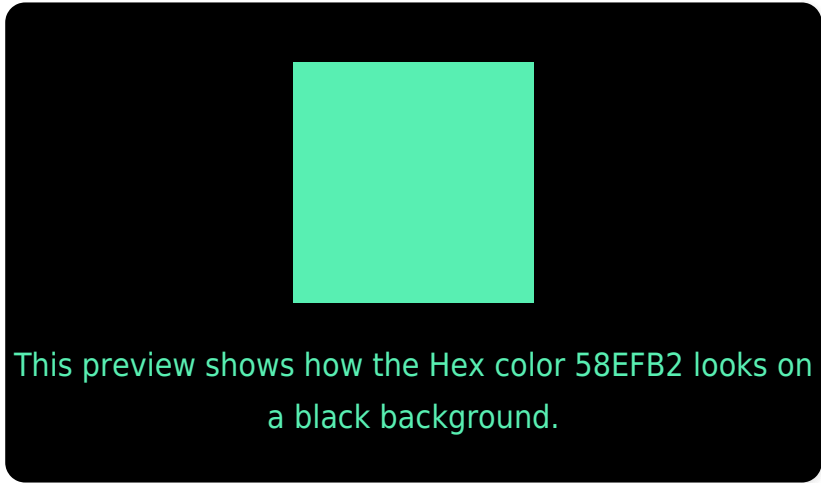
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

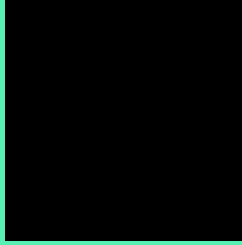
Any Text WCAG AA ✓ Pass

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 58EFB2 Background



This preview shows how black text looks on a background with the Hex color 58EFB2.

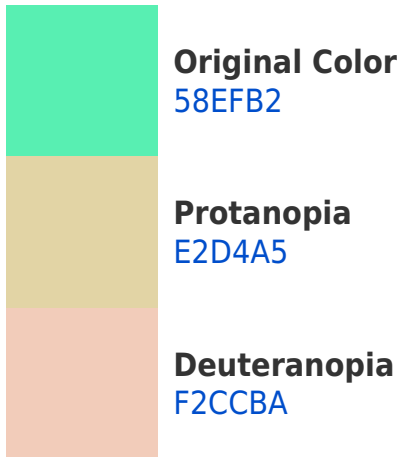


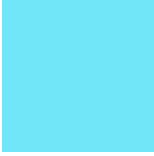
This preview shows how white text looks on a background with the Hex color 58EFB2.

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
71E6F8

Trichromacy



Original Color
58EFB2



Protanomaly
B0DEAA



Deuteranomaly
BAD9B7

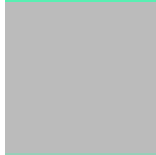


Tritanomaly
68E9DF

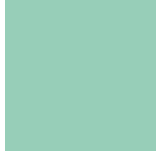
Monochromacy



Original Color
58EFB2



Achromatopsia
BBBBBB



Achromatomaly
97CEB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 58EFB2 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 #58EFB2 looks like.

```
.text, #text, p{  
    color:#58EFB2  
}
```

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 #58EFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EFB2
}
```

Border

The CSS property to change the border of an element to Hex 58EFB2 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
#58EFB2 }
```

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

```
.border{ border-color:#58EFB2 }
```

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

Here you see how a box with a 4 pixel #58EFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EFB2; -webkit-box-shadow:4px 4px  
4px 4px #58EFB2; box-shadow:4px 4px 4px  
4px #58EFB2 }
```

Background

The CSS property to change the background color of an element to Hex 58EFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EFB2 }
```

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

```
.background{ background-color:#58EFB2 }
```

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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