

Converting Colors

Hex(58EEA0)

Have a look what the booklet for
Hex(58EEA0) contains.

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Color

Hex(58EEA0)

Conversions

Conversions Part 1

Format	Color
Hex	58EEA0
RGB	88, 238, 160
RGB Percent	35%, 93%, 63%
CMY	0.6549, 0.0667, 0.3725
CMYK	0.63, 0.00, 0.33, 0.07
HSL	149°, 82%, 64%
HSV	149°, 63%, 93%
XYZ	40.9442, 65.7618, 43.7930
YIQ	184.2580, -64.3620, -56.0580

Conversions

Conversions Part 2

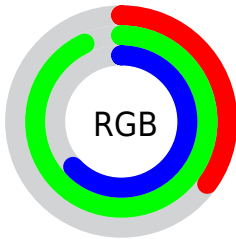
Format	Color
RYB	88, 189, 238
Decimal	5828256
CIELab	84.87, -57.19, 26.29
CIElCh	85, 62.939, 155.310
Yxy	65.7618, 0.2721, 0.4370
Android (android.graphics.Color)	4284018336 (0xFF58EEA0)
YUV	184.2580, -11.9592, -84.4183
Hunter-Lab	81.0937, -51.7893, 24.7472

Details

The Hex color **58EEA0** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EE58A6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **97FFD7**, and **00B56C** is the 20% darker color. If you saturate the color by 10%, you get **40EE94**, and if you desaturate by 10%, it is **70EEAC**.

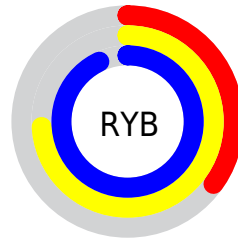
Distribution



Red (35%)

Green (93%)

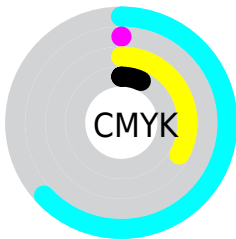
Blue (63%)



Red (35%)

Yellow (74%)

Blue (93%)

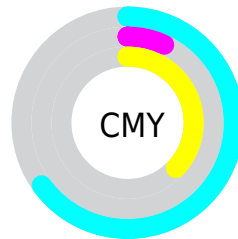


Cyan (63%)

Magenta (0%)

Yellow (33%)

Black (7%)



Cyan (65%)

Magenta (7%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58EEA0 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 58EEA0 by changing the saturation by 10% instead.

 58EEA0

 58EEA0


FFFFFF

 33D186

 97FFD7

 00B56C

 B5FFF4

 009953

 D4FFFF

 007E3B

 F2FFFF

 006424

 004B0D

 003400

 001A00

 000000

 58EEA0


 58EEA0

 40EE94

 70EEAC

 28EE87

 88EEB9

 11EE7B

 9FEEC5

 00EE72

 B7EED2

 CFEEDA

 E7EEEA

 FFEEF7

 FFEEFF

Harmonies

Analogous

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



AEE46F



58EEA0



00F2DD

Triad

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



58EEA0



7BD7FF



FFAA92

Complementary

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



58EEA0



EE58A6

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.



FFA0CC



58EEA0



E6C0FF

Square

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



58EEA0



00E7FF



FFAAFF



FFBF67

Rectangle

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



58EEA0



00F1FF



FFAAFF



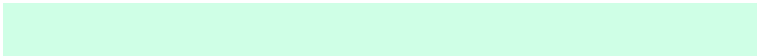
FFA5A4

Sweetspot

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



58EEA0



CFFFE6



A8EE58



628070



000000



808080

Same Dimension

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



58EEA0



3DFF9A



58EEE9



6C7872



00B858



00381B

Inverse Universe

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



EE58A6



FF3DA2



EE585D



786C72



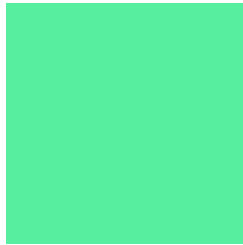
B8005F



38001D

Previews

White Background



This preview shows how the Hex color 58EEA0 looks on a white background.

Color Contrast Check

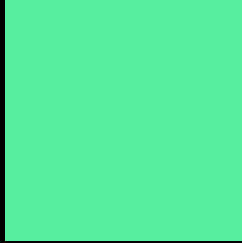
Large Text (above 18pt) WCAG AA × Fail

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 58EEA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

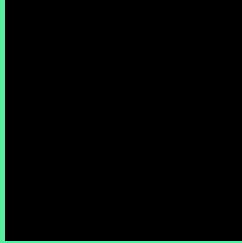
Any Text WCAG AA ✓ Pass

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 58EEA0 Background



This preview shows how black text looks on a background with the Hex color 58EEA0.

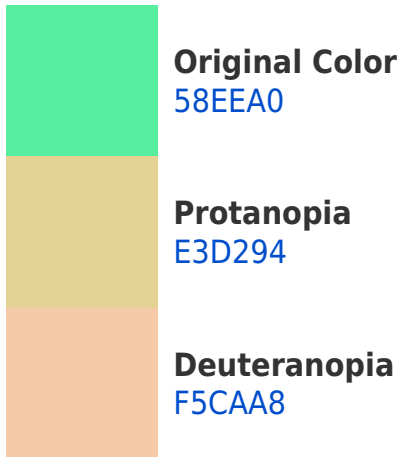


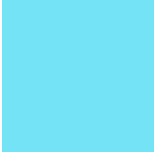
This preview shows how white text looks on a background with the Hex color 58EEA0.

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
75E3F6

Trichromacy



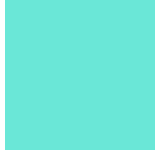
Original Color
58EEA0



Protanomaly
B0DC98



Deuteranomaly
BCD7A5

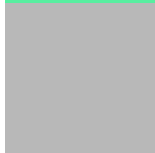


Tritanomaly
6AE7D7

Monochromacy



Original Color
58EEA0



Achromatopsia
B8B8B8



Achromatomaly
95CCAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 58EEA0 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 #58EEA0 looks like.

```
.text, #text, p{  
    color:#58EEA0  
}
```

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 #58EEA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EEA0
}
```

Border

The CSS property to change the border of an element to Hex 58EEA0 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
#58EEA0 }
```

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

```
.border{ border-color:#58EEA0 }
```

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

Here you see how a box with a 4 pixel #58EEA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EEA0; -webkit-box-shadow:4px 4px  
4px 4px #58EEA0; box-shadow:4px 4px 4px  
4px #58EEA0 }
```

Background

The CSS property to change the background color of an element to Hex 58EEA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EEA0 }
```

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

```
.background{ background-color:#58EEA0 }
```

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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