

Converting Colors

Hex(58E39E)

Have a look what the booklet for
Hex(58E39E) contains.

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Color

Hex(58E39E)

Conversions

Conversions Part 1

Format	Color
Hex	58E39E
RGB	88, 227, 158
RGB Percent	35%, 89%, 62%
CMY	0.6549, 0.1098, 0.3804
CMYK	0.61, 0.00, 0.30, 0.11
HSL	150°, 71%, 62%
HSV	150°, 61%, 89%
XYZ	37.6651, 59.4815, 41.8437
YIQ	177.5730, -60.6950, -50.9270

Conversions

Conversions Part 2

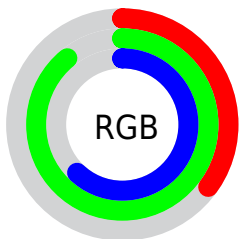
Format	Color
RYB	88, 180, 227
Decimal	5825438
CIELab	81.56, -53.24, 22.79
CIELCh	82, 57.914, 156.825
Yxy	59.4815, 0.2710, 0.4280
Android (android.graphics.Color)	4284015518 (0xFF58E39E)
YUV	177.5730, -9.6495, -78.5555
Hunter-Lab	77.1242, -47.7935, 21.8193

Details

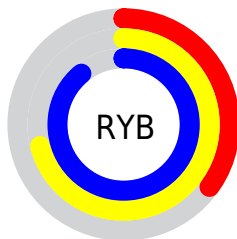
The Hex color **58E39E** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E3589D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **95FFD5**, and **00AB6A** is the 20% darker color. If you saturate the color by 10%, you get **41E393**, and if you desaturate by 10%, it is **6FE3A9**.

Distribution



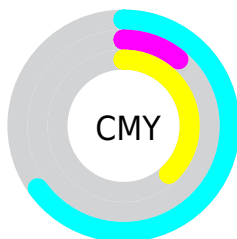
- Red (35%)
- Green (89%)
- Blue (62%)



- Red (35%)
- Yellow (71%)
- Blue (89%)



- Cyan (61%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E39E 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 58E39E by changing the saturation by 10% instead.

 58E39E

 58E39E

FFFFFF

 35C684

 95FFD5

 00AB6A

 B3FFF1

 008F52

 D2FFFF

 00753A

 F0FFFF

 005B24

 00420E

 002C00

 000B00

 000000

 58E39E

 58E39E

 41E393

 6FE3A9

 2BE387

 85E3B5

 14E37C

 9CE3C0

 00E372

 B3E3CB

 CAE3D6

 E0E3E2

 F7E3ED

 FFE3F8

 FFE3FF

Harmonies

Analogous

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



A5DA70



58E39E



00E6D6

Triad

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



58E39E



84CCFF



FFA68C

Complementary

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



58E39E



E3589D

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.



FF9DC0



58E39E



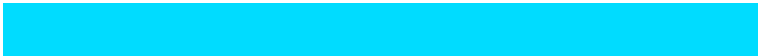
DFB8FF

Square

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



58E39E



00DCFF



FFA4F7



FFB966

Rectangle

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



58E39E



00E6FA



FFA4F7



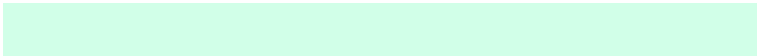
FFA19D

Sweetspot

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



58E39E



D1FFE8



9DE358



638072



000000



808080

Same Dimension

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



58E39E



45FFA3



58E3E3



67736D



00B35A



00331A

Inverse Universe

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



E3589D



FF45A1



E35858



73676D



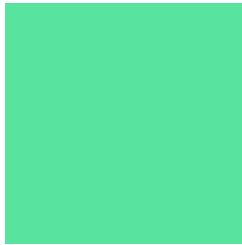
B30059



330019

Previews

White Background



This preview shows how the Hex color 58E39E looks on a white background.

Color Contrast Check

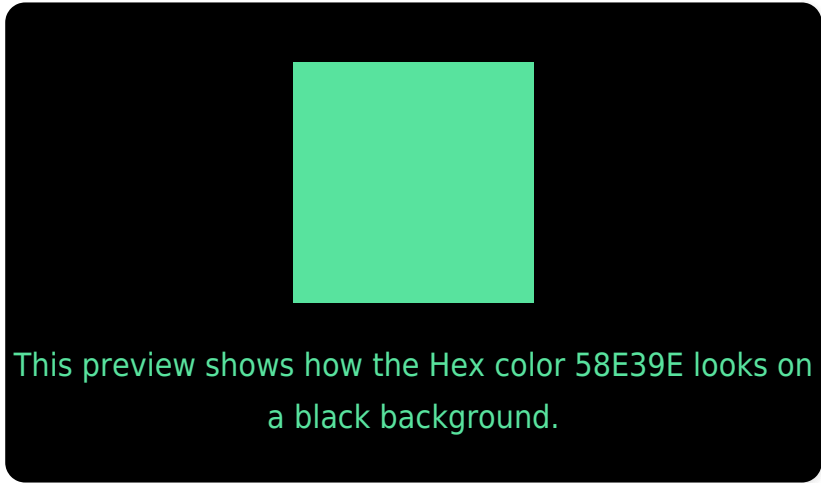
Large Text (above 18pt) WCAG AA × Fail

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

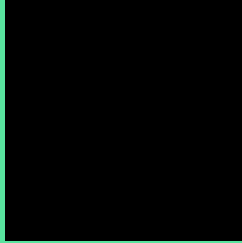
Any Text WCAG AA ✓ Pass

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 58E39E Background



This preview shows how black text looks on a background with the Hex color 58E39E.

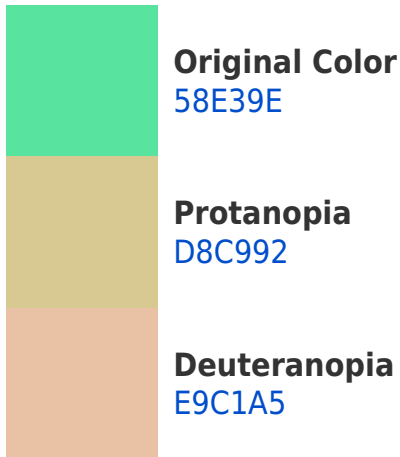


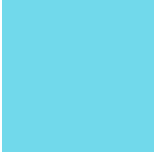
This preview shows how white text looks on a background with the Hex color 58E39E.

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
71D9EB

Trichromacy



Original Color
58E39E



Protanomaly
A9D296



Deuteranomaly
B4CDA2

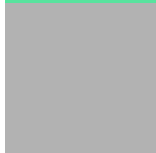


Tritanomaly
68DDCF

Monochromacy



Original Color
58E39E



Achromatopsia
B2B2B2



Achromatomaly
91C4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 58E39E 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 #58E39E looks like.

```
.text, #text, p{  
    color:#58E39E  
}
```

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 #58E39E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E39E
}
```

Border

The CSS property to change the border of an element to Hex 58E39E 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
#58E39E }
```

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

```
.border{ border-color:#58E39E }
```

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

Here you see how a box with a 4 pixel #58E39E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E39E; -webkit-box-shadow:4px 4px  
4px 4px #58E39E; box-shadow:4px 4px 4px  
4px #58E39E }
```

Background

The CSS property to change the background color of an element to Hex 58E39E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E39E }
```

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

```
.background{ background-color:#58E39E }
```

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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