

Converting Colors

Hex(59E789)

Have a look what the booklet for
Hex(59E789) contains.

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Color

Hex(59E789)

Conversions

Conversions Part 1

Format	Color
Hex	59E789
RGB	89, 231, 137
RGB Percent	35%, 91%, 54%
CMY	0.6510, 0.0941, 0.4627
CMYK	0.61, 0.00, 0.41, 0.09
HSL	140°, 75%, 63%
HSV	140°, 61%, 91%
XYZ	37.2111, 61.0818, 33.4957
YIQ	177.8260, -54.4580, -59.3380

Conversions

Conversions Part 2

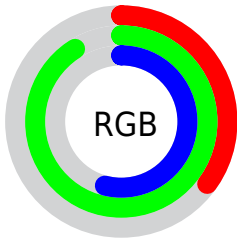
Format	Color
RYB	89, 195, 231
Decimal	5891977
CIELab	82.42, -58.46, 34.68
CIELCh	82, 67.974, 149.321
Yxy	61.0818, 0.2824, 0.4635
Android (android.graphics.Color)	4284082057 (0xFF59E789)
YUV	177.8260, -20.1272, -77.9004
Hunter-Lab	78.1549, -51.7836, 29.2979

Details

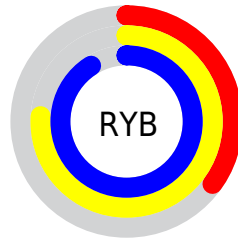
The Hex color **59E789** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E759B7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **97FFBF**, and **00AE56** is the 20% darker color. If you saturate the color by 10%, you get **42E77A**, and if you desaturate by 10%, it is **70E798**.

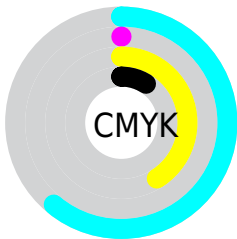
Distribution



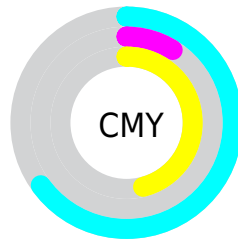
- Red (35%)
- Green (91%)
- Blue (54%)



- Red (35%)
- Yellow (76%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59E789 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 59E789 by changing the saturation by 10% instead.

 59E789

 59E789

FFFFFF

 35CA6F

 97FFBF

 00AE56

 B5FFDB

 00933D

 D3FFF8

 007825

 F2FFFF

 005E0B

 004500

 002E00

 001000

 000000

 59E789

 59E789

 42E77A

 70E798

 2BE76A

 87E7A8

 14E75B

 9EE7B7

 00E74E

 B5E7C6

 CCE7D5

 E4E7E5

 FBE7F4

 FFE7FF

Harmonies

Analogous

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



B1DC57



59E789



00ECCA

Triad

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



59E789



27D5FF



FF9B92

Complementary

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



59E789



E759B7

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.



FF94D1



59E789



CCBDFE

Square

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



59E789



00E4FF



FFA3FF



FFB15F

Rectangle

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



59E789



00ECF5



FFA3FF



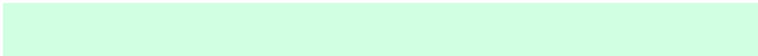
FF96A6

Sweetspot

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



59E789



D1FFE1



B8E759



63806D



000000



808080

Same Dimension

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



59E789



42FF82



59E7CF



67736B



00B33C



003311

Inverse Universe

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



E759B7



FF42BF



E75971



73676F



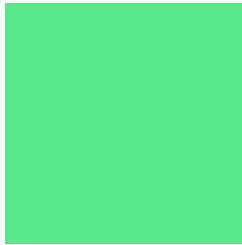
B30076



330022

Previews

White Background



This preview shows how the Hex color 59E789 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

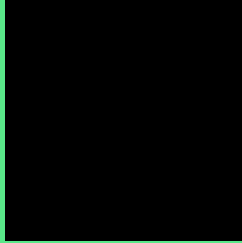
Any Text WCAG AA ✓ Pass

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 59E789 Background



This preview shows how black text looks on a background with the Hex color 59E789.

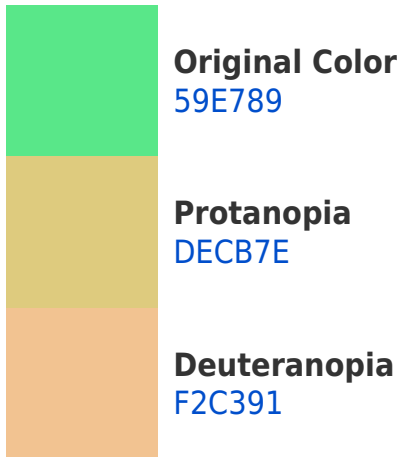


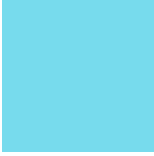
This preview shows how white text looks on a background with the Hex color 59E789.

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
77DBED

Trichromacy



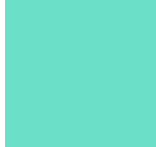
Original Color
59E789



Protanomaly
AED582



Deuteranomaly
BAD08E



Tritanomaly
6CDFC9

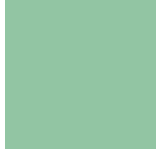
Monochromacy



Original Color
59E789



Achromatopsia
B2B2B2



Achromatomaly
92C5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 59E789 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 #59E789 looks like.

```
.text, #text, p{  
    color:#59E789  
}
```

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 #59E789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E789
}
```

Border

The CSS property to change the border of an element to Hex 59E789 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
#59E789 }
```

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

```
.border{ border-color:#59E789 }
```

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

Here you see how a box with a 4 pixel #59E789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E789; -webkit-box-shadow:4px 4px  
4px 4px #59E789; box-shadow:4px 4px 4px  
4px #59E789 }
```

Background

The CSS property to change the background color of an element to Hex 59E789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E789 }
```

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

```
.background{ background-color:#59E789 }
```

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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