

Converting Colors

Hex(57F79A)

Have a look what the booklet for
Hex(57F79A) contains.

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Color

Hex(57F79A)

Conversions

Conversions Part 1

Format	Color
Hex	57F79A
RGB	87, 247, 154
RGB Percent	34%, 97%, 60%
CMY	0.6588, 0.0314, 0.3961
CMYK	0.65, 0.00, 0.38, 0.03
HSL	145°, 91%, 65%
HSV	145°, 65%, 97%
XYZ	43.0240, 70.8809, 41.9856
YIQ	188.5580, -65.5070, -62.8430

Conversions

Conversions Part 2

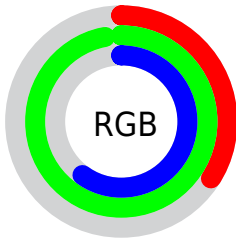
Format	Color
R _{YB}	87, 200, 247
Decimal	5765018
CIE _{Lab}	87.43, -61.90, 32.75
CIE _{LCh}	87, 70.029, 152.116
Y _{xy}	70.8809, 0.2760, 0.4547
Android (android.graphics.Color)	4283955098 (0xFF57F79A)
YUV	188.5580, -17.0371, -89.0664
Hunter-Lab	84.1908, -56.1151, 29.3658

Details

The Hex color **57F79A** 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 **F757B4**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **98FFD1**, and **00BD66** is the 20% darker color. If you saturate the color by 10%, you get **3EF78C**, and if you desaturate by 10%, it is **70F7A8**.

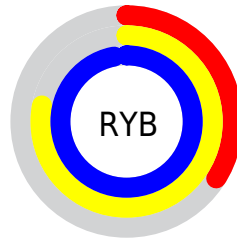
Distribution



Red (34%)

Green (97%)

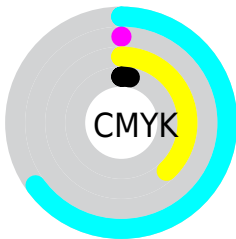
Blue (60%)



Red (34%)

Yellow (78%)

Blue (97%)

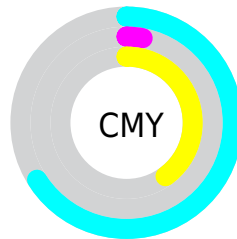


Cyan (65%)

Magenta (0%)

Yellow (38%)

Black (3%)



Cyan (66%)

Magenta (3%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57F79A 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 57F79A by changing the saturation by 10% instead.

 57F79A

 57F79A

FFFFFF

 2FDA80

 98FFD1

 00BD66

 B6FFEE

 00A14D

 D5FFFF

 008635

 F4FFFF

 006C1D

 005203

 003A00

 002100

 000000

 57F79A

 57F79A

 3EF78C

 70F7A8

 26F77D

 88F7B7

 0DF76F

 A1F7C5

 00F767

 BAF7D3

 D3F7E2

 EBF7F0

 FFF7FE

 FFF7FF

Harmonies

Analogous

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



B8EC64



57F79A



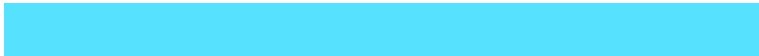
00FCDE

Triad

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



57F79A



56E1FF



FFA998

Complementary

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



57F79A



F757B4

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.



FFA0D9



57F79A



E4C8FF

Square

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



57F79A



00F2FF



FFADFF



FFC165

Rectangle

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



57F79A



00FCFF



FFADFF



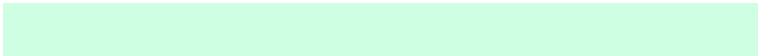
FFA3AD

Sweetspot

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



57F79A



CFFFE3



B4F757



62806E



000000



808080

Same Dimension

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



57F79A



38FF8B



57F7EA



6E7A73



00BA4E



003B19

Inverse Universe

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



F757B4



FF38AC



F75764



7A6E75



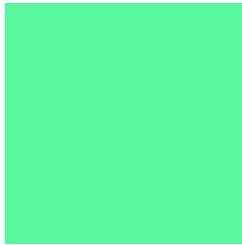
BA006C



3B0022

Previews

White Background



This preview shows how the Hex color 57F79A 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 57F79A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

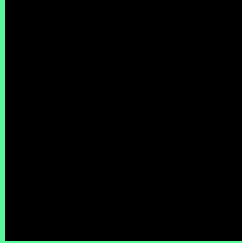
Any Text WCAG AA ✓ Pass

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 57F79A Background



This preview shows how black text looks on a background with the Hex color 57F79A.

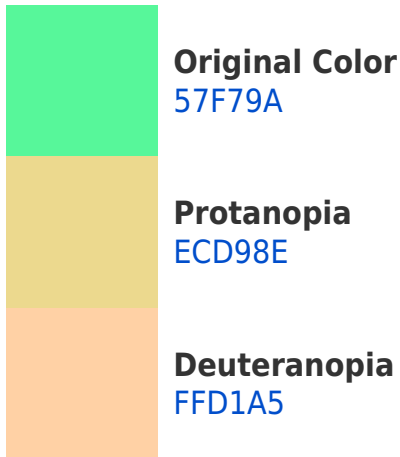


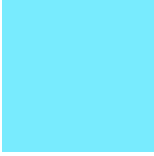
This preview shows how white text looks on a background with the Hex color 57F79A.

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
78EBFE

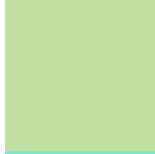
Trichromacy



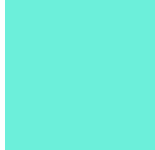
Original Color
57F79A



Protanomaly
B6E492



Deuteranomaly
C2DFA1

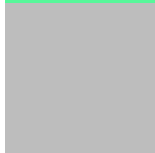


Tritanomaly
6CEFDA

Monochromacy



Original Color
57F79A



Achromatopsia
BDBDBD



Achromatomaly
98D2B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 57F79A 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 #57F79A looks like.

```
.text, #text, p{  
    color:#57F79A  
}
```

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 #57F79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57F79A
}
```

Border

The CSS property to change the border of an element to Hex 57F79A 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
#57F79A }
```

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

```
.border{ border-color:#57F79A }
```

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

Here you see how a box with a 4 pixel #57F79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57F79A; -webkit-box-shadow:4px 4px  
4px 4px #57F79A; box-shadow:4px 4px 4px  
4px #57F79A }
```

Background

The CSS property to change the background color of an element to Hex 57F79A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57F79A }
```

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

```
.background{ background-color:#57F79A }
```

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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