

Converting Colors

Hex(55F17A)

Have a look what the booklet for
Hex(55F17A) contains.

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Color

Hex(55F17A)

Conversions

Conversions Part 1

Format	Color
Hex	55F17A
RGB	85, 241, 122
RGB Percent	33%, 95%, 48%
CMY	0.6667, 0.0549, 0.5216
CMYK	0.65, 0.00, 0.49, 0.05
HSL	134°, 85%, 64%
HSV	134°, 65%, 95%
XYZ	38.7145, 66.2470, 29.1588
YIQ	180.7900, -54.7770, -70.0810

Conversions

Conversions Part 2

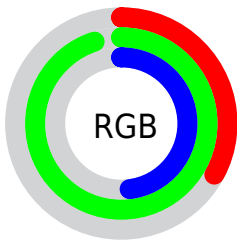
Format	Color
R _{YB}	85, 211, 241
Decimal	5632378
CIE Lab	85.12, -65.24, 45.43
CIE LCh	85, 79.498, 145.144
Yxy	66.2470, 0.2887, 0.4939
Android (android.graphics.Color)	4283822458 (0xFF55F17A)
YUV	180.7900, -28.9835, -84.0078
Hunter-Lab	81.3923, -57.5325, 35.7339

Details

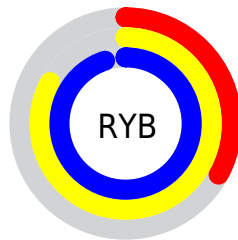
The Hex color **55F17A** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F155CC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **96FFB0**, and **00B846** is the 20% darker color. If you saturate the color by 10%, you get **3DF168**, and if you desaturate by 10%, it is **6DF18C**.

Distribution



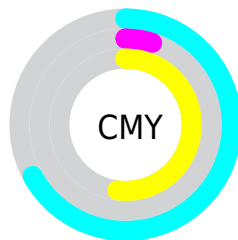
- Red (33%)
- Green (95%)
- Blue (48%)



- Red (33%)
- Yellow (83%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (49%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55F17A 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 55F17A by changing the saturation by 10% instead.

 55F17A

 55F17A

FFFFFF

 2DD460

 96FFB0

 00B846

 B4FFCC

 009C2C

 D3FFE9

 00810E

 F2FFFF

 006600

 004C00

 003500

 001A00

 000000

 55F17A

 55F17A

 3DF168

 6DF18C

 25F155

 85F19F

 0DF143

 9DF1B1

 00F139

 B5F1C4

 CDF1D6

 E6F1E8

 FEF1FB

 FFF1FF

Harmonies

Analogous

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



BDE33D



55F17A



00F8C6

Triad

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



55F17A



00E1FF



FF9399

Complementary

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



55F17A



F155CC

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.



FF8EE4



55F17A



BFC6FF

Square

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



55F17A



00F1FF



FFA5FF



FFAF59

Rectangle

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



55F17A



00F9FA



FFA5FF



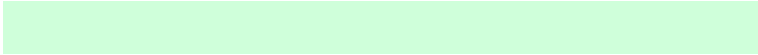
FF8EB2

Sweetspot

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



55F17A



CFFFDA



CDF155



628069



000000



808080

Same Dimension

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



55F17A



38FF67



55F1C7



6C786F



00B82C



00380D

Inverse Universe

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



F155CC



FF38D0



F1557F



786C75



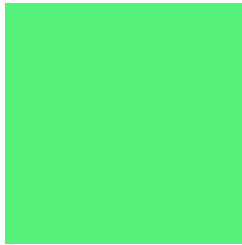
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 55F17A 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 55F17A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

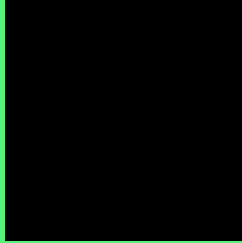
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

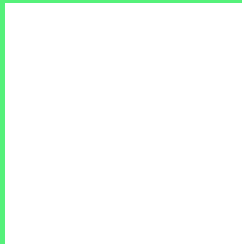
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 55F17A Background



This preview shows how black text looks on a background with the Hex color 55F17A.

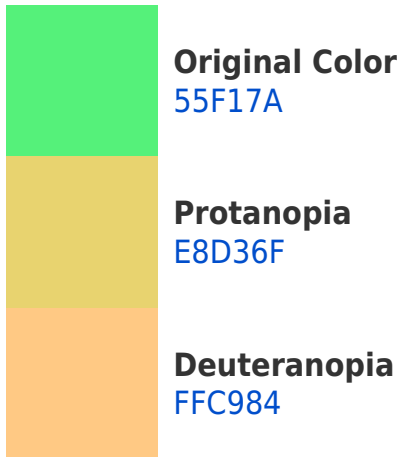


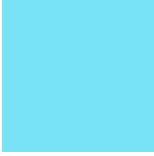
This preview shows how white text looks on a background with the Hex color 55F17A.

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](#).

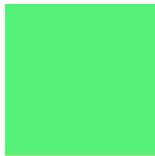
Dichromacy





Tritanopia
79E3F6

Trichromacy



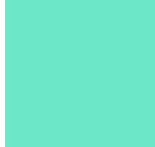
Original Color
55F17A



Protanomaly
B3DE73



Deuteranomaly
C1D880



Tritanomaly
6CE8C9

Monochromacy



Original Color
55F17A



Achromatopsia
B5B5B5



Achromatomaly
92CBA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 55F17A 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 #55F17A looks like.

```
.text, #text, p{  
    color:#55F17A  
}
```

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 #55F17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F17A
}
```

Border

The CSS property to change the border of an element to Hex 55F17A 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
#55F17A }
```

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

```
.border{ border-color:#55F17A }
```

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

Here you see how a box with a 4 pixel #55F17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F17A; -webkit-box-shadow:4px 4px  
4px 4px #55F17A; box-shadow:4px 4px 4px  
4px #55F17A }
```

Background

The CSS property to change the background color of an element to Hex 55F17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F17A }
```

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

```
.background{ background-color:#55F17A }
```

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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