

Converting Colors

Hex(5EA17F)

Have a look what the booklet for
Hex(5EA17F) contains.

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Color

Hex(5EA17F)

Conversions

Conversions Part 1

Format	Color
Hex	5EA17F
RGB	94, 161, 127
RGB Percent	37%, 63%, 50%
CMY	0.6314, 0.3686, 0.5020
CMYK	0.42, 0.00, 0.21, 0.37
HSL	150°, 26%, 50%
HSV	150°, 42%, 63%
XYZ	21.1917, 29.4017, 24.6369
YIQ	137.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

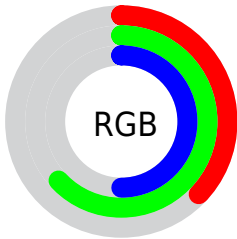
Format	Color
R_{YB}	94, 139, 161
Decimal	6201727
CIE _{Lab}	61.13, -29.29, 11.12
CIE _{LCh}	61, 31.327, 159.212
Yxy	29.4017, 0.2817, 0.3908
Android (android.graphics.Color)	4284391807 (0xFF5EA17F)
YUV	137.0910, -4.9749, -37.7908
Hunter-Lab	54.2234, -25.1290, 11.0174

Details

The Hex color **5EA17F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15E80**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **93D8B4**, and **2A6D4E** is the 20% darker color. If you saturate the color by 10%, you get **4EA177**, and if you desaturate by 10%, it is **6EA187**.

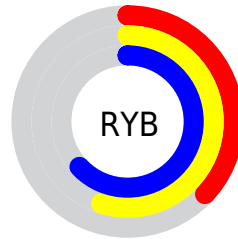
Distribution



Red (37%)

Green (63%)

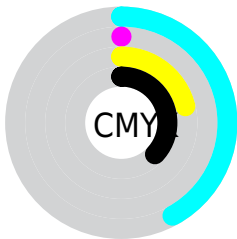
Blue (50%)



Red (37%)

Yellow (55%)

Blue (63%)

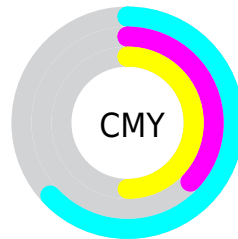


Cyan (42%)

Magenta (0%)

Yellow (21%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA17F 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 5EA17F by changing the saturation by 10% instead.

5EA17F

5EA17F

FFFFFF

448766

93D8B4

2A6D4E

AFF5CF

0A5437

CBFFEC

003C21

E8FFFF

00260C

000800

000000

5EA17F

5EA17F

4EA177

6EA187

 3EA16F

 7EA18F

 2EA166

 8EA198

 1EA15E

 9EA1A0

 0DA156

 AFA1A8

 00A14F

 BFA1B0

 CFA1B8

 DFA1C0

 EFA1C9

Harmonies

Analogous

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



809C68



5EA17F



3CA39B

Triad

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



5EA17F



7B93CA



C78372

Complementary

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



5EA17F



A15E80

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.



CA7E8C



5EA17F



A289BF

Square

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



5EA17F



4E9CC7



BD81A8



B78B60

Rectangle

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



5EA17F



2EA2AE



BD81A8



C9807A

Sweetspot

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



5EA17F



B8D1C4



81A15E



5A6961



E8E8E8



696969

Same Dimension

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



5EA17F



69D19C



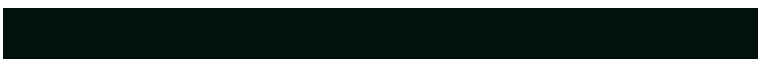
5EA1A0



49524D



009148



001209

Inverse Universe

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



A15E80



D1699E



A15E5F



52494E



91004A



120009

Previews

White Background



This preview shows how the Hex color 5EA17F looks on a white background.

Color Contrast Check

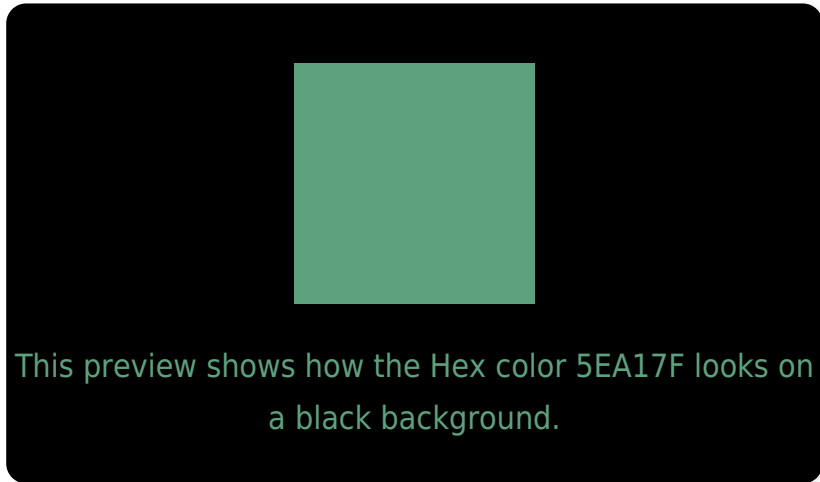
Large Text (above 18pt) WCAG AA ✓ Pass

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

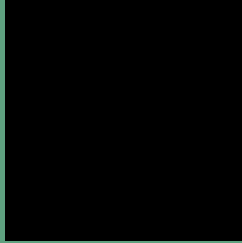
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5EA17F Background



This preview shows how black text looks on a background with the Hex color 5EA17F.

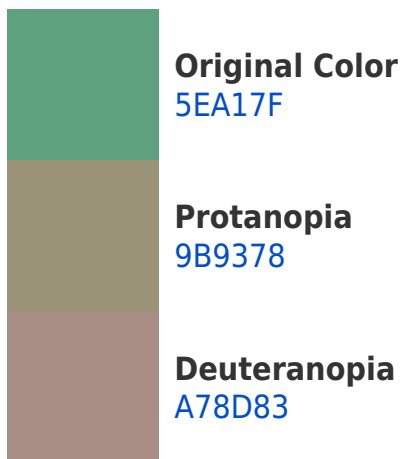


This preview shows how white text looks on a background with the Hex color 5EA17F.

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](#).

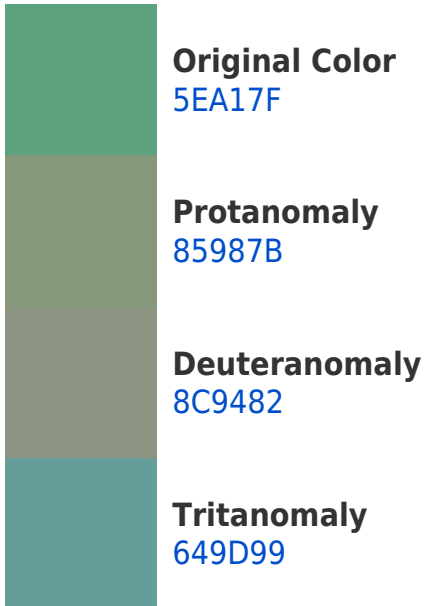
Dichromacy



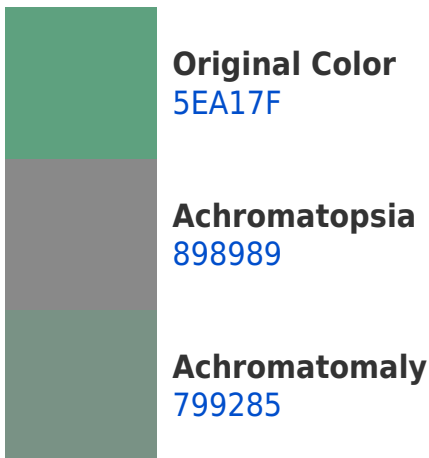


Tritanopia
689BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA17F 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 #5EA17F looks like.

```
.text, #text, p{  
    color:#5EA17F  
}
```

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 #5EA17F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA17F
}
```

Border

The CSS property to change the border of an element to Hex 5EA17F 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
#5EA17F }
```

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

```
.border{ border-color:#5EA17F }
```

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

Here you see how a box with a 4 pixel #5EA17F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA17F; -webkit-box-shadow:4px 4px  
4px 4px #5EA17F; box-shadow:4px 4px 4px  
4px #5EA17F }
```

Background

The CSS property to change the background color of an element to Hex 5EA17F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA17F }
```

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

```
.background{ background-color:#5EA17F }
```

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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