

Converting Colors

Hex(5EA49F)

Have a look what the booklet for
Hex(5EA49F) contains.

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Color

Hex(5EA49F)

Conversions

Conversions Part 1

Format	Color
Hex	5EA49F
RGB	94, 164, 159
RGB Percent	37%, 64%, 62%
CMY	0.6314, 0.3569, 0.3765
CMYK	0.43, 0.00, 0.03, 0.36
HSL	176°, 28%, 51%
HSV	176°, 43%, 64%
XYZ	24.1496, 31.4338, 37.5954
YIQ	142.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

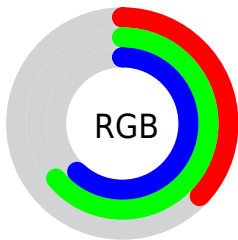
Format	Color
R_{YB}	94, 130, 164
Decimal	6202527
CIE _{Lab}	62.87, -23.28, -4.32
CIE _{LCh}	63, 23.680, 190.520
Yxy	31.4338, 0.2592, 0.3373
Android (android.graphics.Color)	4284392607 (0xFF5EA49F)
YUV	142.5000, 8.1345, -42.5345
Hunter-Lab	56.0659, -21.2290, -0.5113

Details

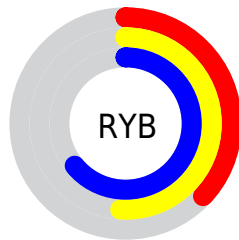
The Hex color **5EA49F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A45E63**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94DBD6**, and **27706C** is the 20% darker color. If you saturate the color by 10%, you get **4EA49E**, and if you desaturate by 10%, it is **6EA4A0**.

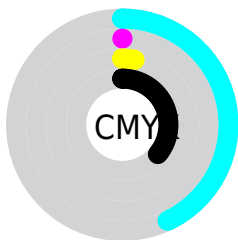
Distribution



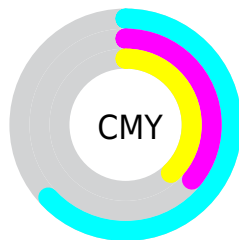
- Red (37%)
- Green (64%)
- Blue (62%)



- Red (37%)
- Yellow (51%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA49F 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 5EA49F by changing the saturation by 10% instead.



5EA49F



5EA49F

FFFFFF



438A85



94DBD6



27706C



B0F8F2



005753



CCFFFF



00403C



E9FFFF



002927



001212



000000



5EA49F



5EA49F



4EA49E



6EA4A0

3DA49D

7FA4A1

2DA49B

8FA4A3

1CA49A

A0A4A4

0CA499

B0A4A5

00A498

C0A4A6

D1A4A7

E1A4A8

F2A4AA

Harmonies

Analogous

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



71A389



5EA49F



5BA2B3

Triad

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



5EA49F



A590B8



B49271

Complementary

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



5EA49F



A45E63

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.



C08C7E



5EA49F



B98AA7

Square

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



5EA49F



8998C1



C38991



A0996F

Rectangle

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



5EA49F



64A0BC



C38991



B99074

Sweetspot

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



5EA49F



BAD6D4



64A45E



5A6B6A



EBEBEB



6B6B6B

Same Dimension

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



5EA49F



69D6CE



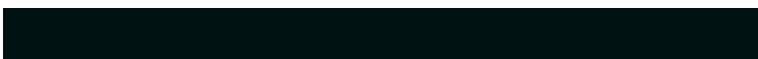
5E87A4



495251



009187



001211

Inverse Universe

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



A45E63



D66971



A47B5E



52494A



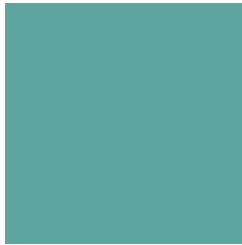
91000A



120001

Previews

White Background



This preview shows how the Hex color 5EA49F looks on a white background.

Color Contrast Check

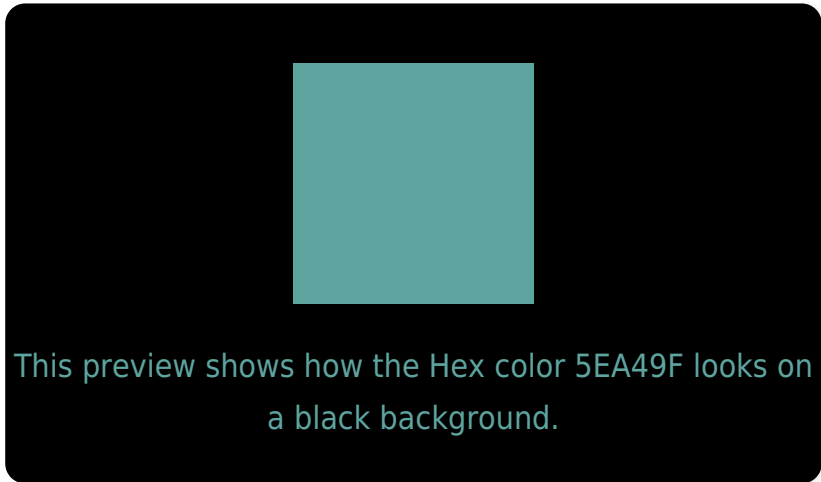
Large Text (above 18pt) WCAG AA × Fail

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

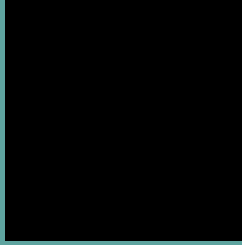
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

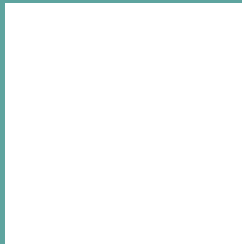
Any Text WCAG AAA ✓ Pass

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

Hex 5EA49F Background



This preview shows how black text looks on a background with the Hex color 5EA49F.

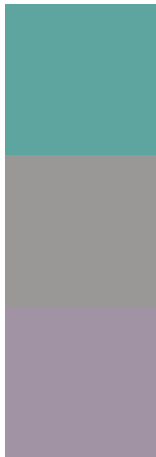


This preview shows how white text looks on a background with the Hex color 5EA49F.

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](#).

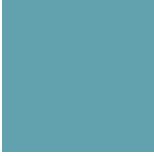
Dichromacy



Original Color
5EA49F

Protanopia
9A9797

Deuteranopia
A193A3



Tritanopia
62A2AF

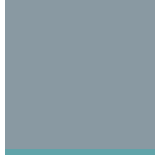
Trichromacy



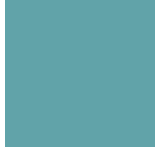
Original Color
5EA49F



Protanomaly
849C9A



Deuteranomaly
8999A2



Tritanomaly
61A3A9

Monochromacy



Original Color
5EA49F



Achromatopsia
8F8F8F



Achromatomaly
7D9795

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA49F 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 #5EA49F looks like.

```
.text, #text, p{  
    color:#5EA49F  
}
```

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 #5EA49F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA49F
}
```

Border

The CSS property to change the border of an element to Hex 5EA49F 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
#5EA49F }
```

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

```
.border{ border-color:#5EA49F }
```

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

Here you see how a box with a 4 pixel #5EA49F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA49F; -webkit-box-shadow:4px 4px  
4px 4px #5EA49F; box-shadow:4px 4px 4px  
4px #5EA49F }
```

Background

The CSS property to change the background color of an element to Hex 5EA49F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA49F }
```

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

```
.background{ background-color:#5EA49F }
```

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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