

Converting Colors

Hex(5EA59E)

Have a look what the booklet for
Hex(5EA59E) contains.

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Color

Hex(5EA59E)

Conversions

Conversions Part 1

Format	Color
Hex	5EA59E
RGB	94, 165, 158
RGB Percent	37%, 65%, 62%
CMY	0.6314, 0.3529, 0.3804
CMYK	0.43, 0.00, 0.04, 0.35
HSL	174°, 28%, 51%
HSV	174°, 43%, 65%
XYZ	24.2428, 31.7586, 37.2000
YIQ	142.9730, -40.0690, -17.2290

Conversions

Conversions Part 2

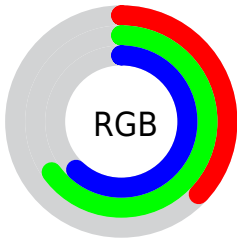
Format	Color
RYB	94, 131, 165
Decimal	6202782
CIELab	63.14, -24.04, -3.36
CIELCh	63, 24.275, 187.963
Yxy	31.7586, 0.2601, 0.3408
Android (android.graphics.Color)	4284392862 (0xFF5EA59E)
YUV	142.9730, 7.4083, -42.9493
Hunter-Lab	56.3547, -21.8334, 0.3107

Details

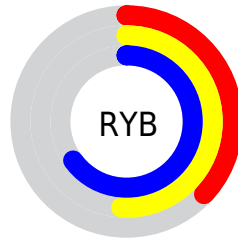
The Hex color **5EA59E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A55E65**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **94DCD5**, and **27716B** is the 20% darker color. If you saturate the color by 10%, you get **4EA59C**, and if you desaturate by 10%, it is **6EA5A0**.

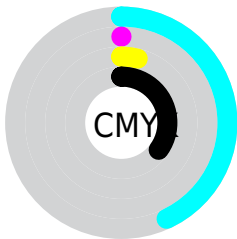
Distribution



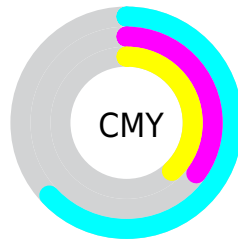
- Red (37%)
- Green (65%)
- Blue (62%)



- Red (37%)
- Yellow (51%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA59E 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 5EA59E by changing the saturation by 10% instead.

■ 5EA59E

■ 5EA59E

FFFFFF

■ 438A84

■ 94DCD5

■ 27716B

■ B0F9F1

■ 005853

■ CCFFFF

■ 00403C

■ E9FFFF

■ 002A26

■ 001411

■ 000000

■ 5EA59E

■ 5EA59E

■ 4EA59C

■ 6EA5A0

■ 3DA59B

■ 7FA5A1

■ 2CA599

■ 8FA5A3

■ 1CA597

■ A0A5A5

■ 0CA596

■ B0A5A6

■ 00A595

■ C1A5A8

■ D2A5A9

■ E2A5AB

■ F3A5AD

Harmonies

Analogous

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



72A488



5EA59E



59A4B3

Triad

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



5EA59E



A391BB



B69271

Complementary

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



5EA59E



A55E65

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.



C28C7F



5EA59E



B98BA9

Square

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



5EA59E



8699C3



C48994



A3996E

Rectangle

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



5EA59E



61A1BD



C48994



BB9075

Sweetspot

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



5EA59E



BAD6D3



65A55E



5A6B69



EBEBEB



6B6B6B

Same Dimension

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



5EA59E



67D6CB



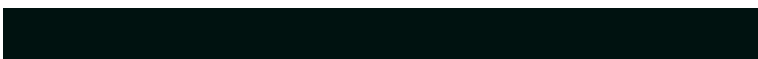
5E89A5



495251



009183



001210

Inverse Universe

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



A55E65



D66772



A57A5E



52494A



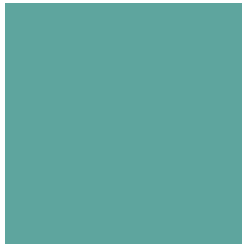
91000E



120002

Previews

White Background



This preview shows how the Hex color 5EA59E looks on a white background.

Color Contrast Check

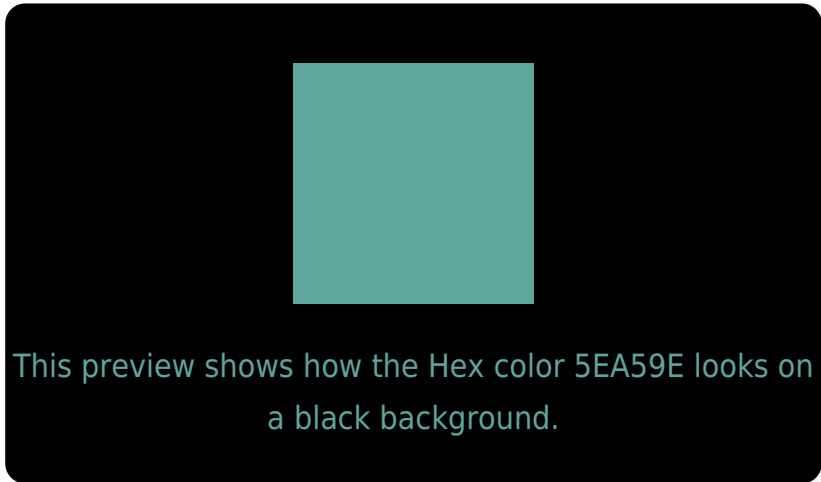
Large Text (above 18pt) WCAG AA × Fail

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

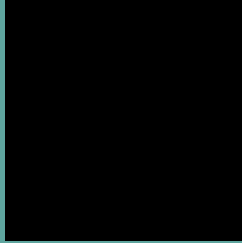
Any Text WCAG AA ✓ Pass

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 5EA59E Background



This preview shows how black text looks on a background with the Hex color 5EA59E.

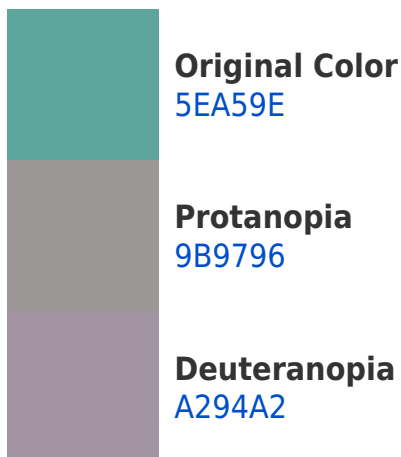


This preview shows how white text looks on a background with the Hex color 5EA59E.

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
63A2AF

Trichromacy



Original Color
5EA59E



Protanomaly
859C99



Deuteranomaly
899AA1



Tritanomaly
61A3A9

Monochromacy



Original Color
5EA59E



Achromatopsia
8F8F8F



Achromatomaly
7D9794

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA59E 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 #5EA59E looks like.

```
.text, #text, p{  
    color:#5EA59E  
}
```

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 #5EA59E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA59E
}
```

Border

The CSS property to change the border of an element to Hex 5EA59E 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
#5EA59E }
```

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

```
.border{ border-color:#5EA59E }
```

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

Here you see how a box with a 4 pixel #5EA59E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA59E; -webkit-box-shadow:4px 4px  
4px 4px #5EA59E; box-shadow:4px 4px 4px  
4px #5EA59E }
```

Background

The CSS property to change the background color of an element to Hex 5EA59E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA59E }
```

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

```
.background{ background-color:#5EA59E }
```

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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