

Converting Colors

Hex(59BEAF)

Have a look what the booklet for
Hex(59BEAF) contains.

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Color

Hex(59BEAF)

Conversions

Conversions Part 1

Format	Color
Hex	59BEAF
RGB	89, 190, 175
RGB Percent	35%, 75%, 69%
CMY	0.6510, 0.2549, 0.3137
CMYK	0.53, 0.00, 0.08, 0.25
HSL	171°, 44%, 55%
HSV	171°, 53%, 75%
XYZ	30.2711, 42.0459, 47.0777
YIQ	158.0910, -55.3810, -26.0770

Conversions

Conversions Part 2

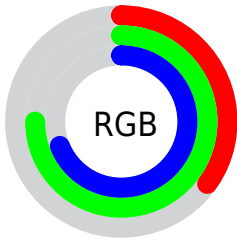
Format	Color
RYB	89, 144, 190
Decimal	5881519
CIELab	70.90, -33.12, -1.40
CIElCh	71, 33.155, 182.423
Yxy	42.0459, 0.2535, 0.3522
Android (android.graphics.Color)	4284071599 (0xFF59BEAF)
YUV	158.0910, 8.3361, -60.5928
Hunter-Lab	64.8428, -30.1442, 2.3438

Details

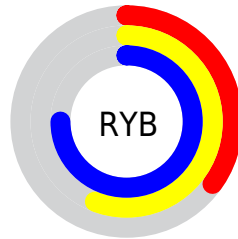
The Hex color **59BEAF** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE5968**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **92F7E6**, and **14887B** is the 20% darker color. If you saturate the color by 10%, you get **46BEAC**, and if you desaturate by 10%, it is **6CBEB2**.

Distribution



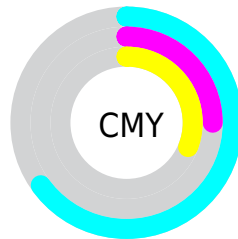
- Red (35%)
- Green (75%)
- Blue (69%)



- Red (35%)
- Yellow (56%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (65%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59BEAF 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 59BEAF by changing the saturation by 10% instead.

 59BEAF

 59BEAF

FFFFFF

 3BA394

 92F7E6

 14887B

 AFFFFFFF


 006E62

 CCFFFF

 00554A

 EAFFFF

 003D34

 00271F

 000607

 000000

 59BEAF

 59BEAF

 46BEAC

 6CBEB2

 33BEA9

 7FBEB5

 20BEA7

 92BEB7

 0DBEA4

 A5BEBA

 00BEA2

 B8BEBD

 CBBEC0

 DEBEC3

 F1BEC6

 FFBE C8

Harmonies

Analogous

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



7CBB91



59BEAF



45BD CD

Triad

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



59BEAF



B5A5E0



D9A279

Complementary

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



59BEAF



BE5968

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.



E89A8F



59BEAF



D69BCA

Square

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



59BEAF



88B0E9



E797AC



C0AC71

Rectangle

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



59BEAF



50BADC



E797AC



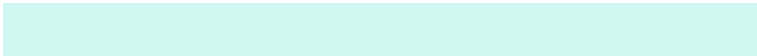
E09F7F

Sweetspot

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



59BEAF



D0F7F1



68BE59



657D79



FCFCFC



7D7D7D

Same Dimension

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



59BEAF



59F7E0



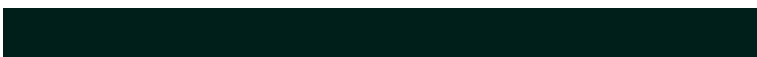
599BBE



555E5D



009E87



001F1A

Inverse Universe

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



BE5968



F75971



BE7C59



5E5556



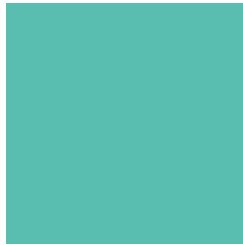
9E0017



1F0005

Previews

White Background



This preview shows how the Hex color 59BEAF 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 59BEAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

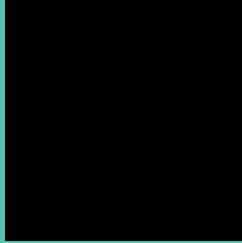
Any Text WCAG AA ✓ Pass

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 59BEAF Background



This preview shows how black text looks on a background with the Hex color 59BEAF.

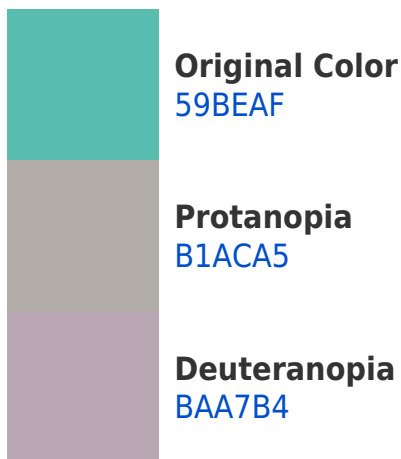


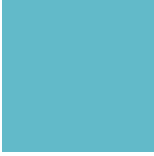
This preview shows how white text looks on a background with the Hex color 59BEAF.

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](#).

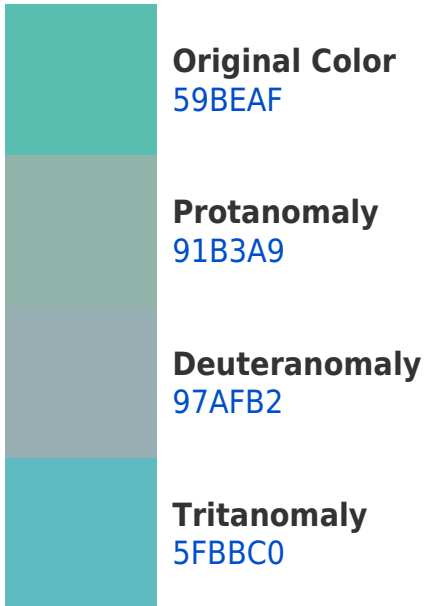
Dichromacy





Tritanopia
62BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59BEAF 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 #59BEAF looks like.

```
.text, #text, p{  
    color:#59BEAF  
}
```

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 #59BEAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BEAF
}
```

Border

The CSS property to change the border of an element to Hex 59BEAF 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
#59BEAF }
```

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

```
.border{ border-color:#59BEAF }
```

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

Here you see how a box with a 4 pixel #59BEAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BEAF; -webkit-box-shadow:4px 4px  
4px 4px #59BEAF; box-shadow:4px 4px 4px  
4px #59BEAF }
```

Background

The CSS property to change the background color of an element to Hex 59BEAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BEAF }
```

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

```
.background{ background-color:#59BEAF }
```

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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