

Converting Colors

Hex(59AF84)

Have a look what the booklet for
Hex(59AF84) contains.

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Color

Hex(59AF84)

Conversions

Conversions Part 1

Format	Color
Hex	59AF84
RGB	89, 175, 132
RGB Percent	35%, 69%, 52%
CMY	0.6510, 0.3137, 0.4824
CMYK	0.49, 0.00, 0.25, 0.31
HSL	150°, 35%, 52%
HSV	150°, 49%, 69%
XYZ	23.6147, 34.4497, 27.2346
YIQ	144.3840, -37.4530, -31.6050

Conversions

Conversions Part 2

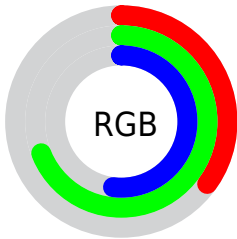
Format	Color
RYB	89, 146, 175
Decimal	5877636
CIELab	65.32, -36.18, 14.19
CIElCh	65, 38.863, 158.585
Yxy	34.4497, 0.2768, 0.4039
Android (android.graphics.Color)	4284067716 (0xFF59AF84)
YUV	144.3840, -6.1053, -48.5718
Hunter-Lab	58.6939, -30.8974, 13.5745

Details

The Hex color **59AF84** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF5984**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **90E7B9**, and **1F7A52** is the 20% darker color. If you saturate the color by 10%, you get **48AF7B**, and if you desaturate by 10%, it is **6AAF8D**.

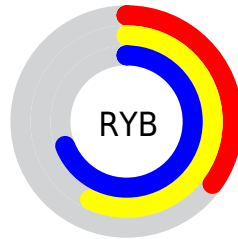
Distribution



Red (35%)

Green (69%)

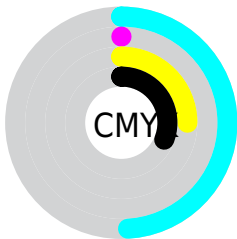
Blue (52%)



Red (35%)

Yellow (57%)

Blue (69%)

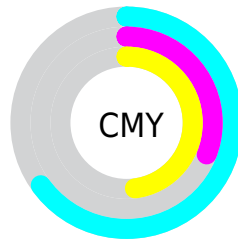


Cyan (49%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (65%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59AF84 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 59AF84 by changing the saturation by 10% instead.

 59AF84

 59AF84

FFFFFF

 3D946B

 90E7B9

 1F7A52

 ACFFD5

 00603B

 C8FFF1

 004825

 E5FFFF

 003111

 001B00

 000000

 59AF84

 59AF84

 48AF7B

 6AAF8D

 36AF73


 7CAF96

 25AF6A

 8DAF9E

 13AF61

 9FAFA7

 01AF58

 B0AFB0

 00AF58

 C2AFB9

 D4AFC1

 E5AFCA

 F7AFD3

Harmonies

Analogous

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



85A967



59AF84



16B1A8

Triad

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



59AF84



7B9FE3



DD8875

Complementary

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



59AF84



AF5984

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.



E18396



59AF84



AF92D5

Square

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



59AF84



35A9DF



D287B9



CA945E

Rectangle

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



59AF84



00B0BF



D287B9



E1867F

Sweetspot

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



59AF84



C1E3D2



84AF59



5E7368



F2F2F2



737373

Same Dimension

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



59AF84



5DE3A0



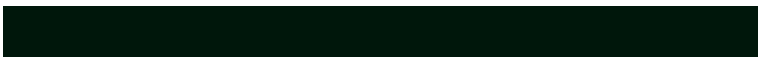
59AFAF



4E5752



00964B



00170B

Inverse Universe

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



AF5984



E35DA0



AF5959



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 59AF84 looks on a white background.

Color Contrast Check

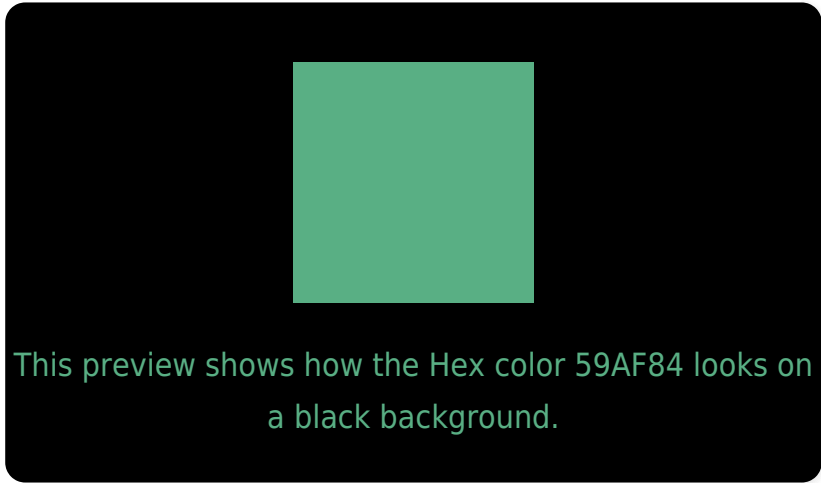
Large Text (above 18pt) WCAG AA × Fail

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

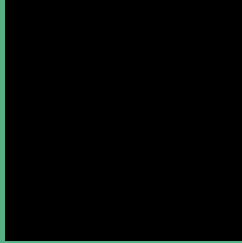
Any Text WCAG AA ✓ Pass

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 59AF84 Background



This preview shows how black text looks on a background with the Hex color 59AF84.

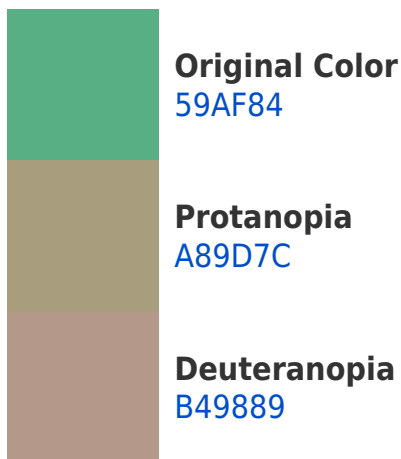


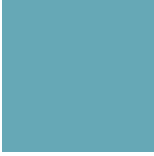
This preview shows how white text looks on a background with the Hex color 59AF84.

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](#).

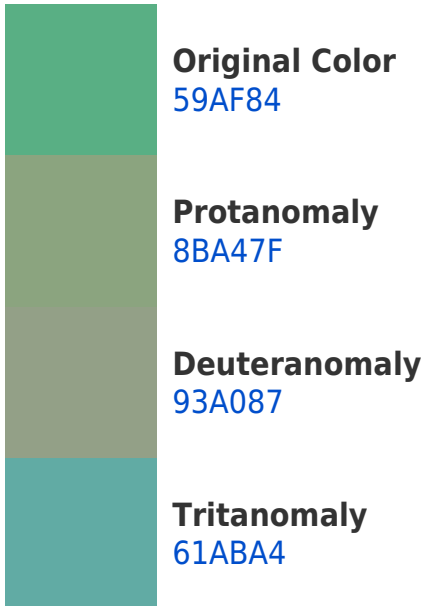
Dichromacy



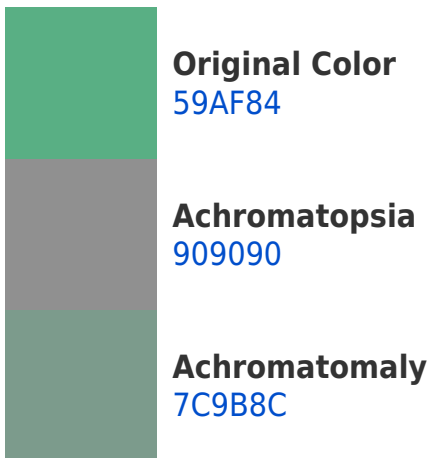


Tritanopia
66A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59AF84 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 #59AF84 looks like.

```
.text, #text, p{  
    color:#59AF84  
}
```

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 #59AF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AF84
}
```

Border

The CSS property to change the border of an element to Hex 59AF84 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
#59AF84 }
```

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

```
.border{ border-color:#59AF84 }
```

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

Here you see how a box with a 4 pixel #59AF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AF84; -webkit-box-shadow:4px 4px  
4px 4px #59AF84; box-shadow:4px 4px 4px  
4px #59AF84 }
```

Background

The CSS property to change the background color of an element to Hex 59AF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AF84 }
```

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

```
.background{ background-color:#59AF84 }
```

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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