

Converting Colors

Hex(559B64)

Have a look what the booklet for
Hex(559B64) contains.

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Color

Hex(559B64)

Conversions

Conversions Part 1

Format	Color
Hex	559B64
RGB	85, 155, 100
RGB Percent	33%, 61%, 39%
CMY	0.6667, 0.3922, 0.6078
CMYK	0.45, 0.00, 0.35, 0.39
HSL	133°, 29%, 47%
HSV	133°, 45%, 61%
XYZ	17.7679, 26.2941, 16.1954
YIQ	127.8000, -24.0650, -31.9450

Conversions

Conversions Part 2

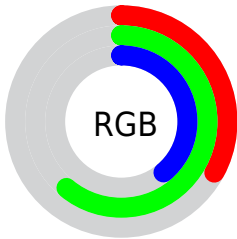
Format	Color
RYB	85, 143, 155
Decimal	5610340
CIELab	58.32, -34.43, 22.16
CIElCh	58, 40.947, 147.233
Yxy	26.2941, 0.2949, 0.4364
Android (android.graphics.Color)	4283800420 (0xFF559B64)
YUV	127.8000, -13.7054, -37.5356
Hunter-Lab	51.2778, -27.8853, 17.1685

Details

The Hex color **559B64** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B558C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8AD297**, and **1F6735** is the 20% darker color. If you saturate the color by 10%, you get **469B58**, and if you desaturate by 10%, it is **659B70**.

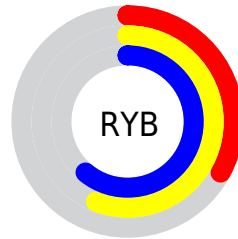
Distribution



Red (33%)

Green (61%)

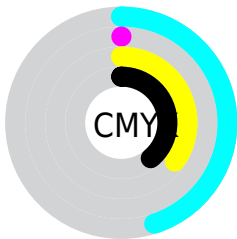
Blue (39%)



Red (33%)

Yellow (56%)

Blue (61%)

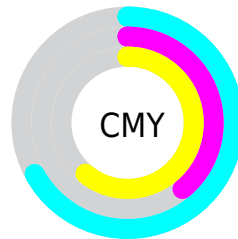


Cyan (45%)

Magenta (0%)

Yellow (35%)

Black (39%)



Cyan (67%)

Magenta (39%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559B64 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 559B64 by changing the saturation by 10% instead.

■ 559B64

■ 559B64

FFFFFF

■ 3B814C

■ 8AD297

■ 1F6735

■ A6EEB2

■ 004F1E

■ C2FFCE

■ 003708

■ DEFFEA

■ 002300

■ FBFFFF

■ 000000

■ 559B64

■ 559B64

■ 469B58

■ 659B70

■ 369B4C

■ 749B7C

 279B3F

 849B89

 179B33

 939B95

 089B27

 A39BA1

 009B21

 B29BAD

 C29BB9

 D19BC5

 E19BD2

Harmonies

Analogous

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



81944A



559B64



009E88

Triad

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



559B64



4791D3



CF716D

Complementary

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



559B64



9B558C

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.



CD6F91



559B64



8A84CC

Square

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



559B64



009AC8



B677B4



C07C51

Rectangle

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



559B64



009FA0



B677B4



D06F79

Sweetspot

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



559B64



ADC9B3



8D9B55



556658



E6E6E6



666666

Same Dimension

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



559B64



5DC974



559B86



454D46



008C1E



000D03

Inverse Universe

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



9B558C



C95DB2



9B556A



4D454B



8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 559B64 looks on a white background.

Color Contrast Check

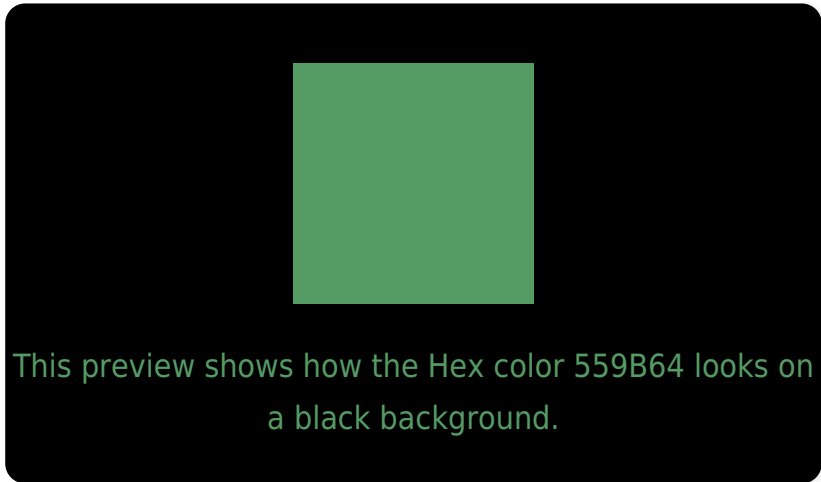
Large Text (above 18pt) WCAG AA ✓ Pass

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 559B64 Background



This preview shows how black text looks on a background with the Hex color 559B64.



This preview shows how white text looks on a background with the Hex color 559B64.

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
6294A0

Trichromacy



Original Color
559B64

Protanomaly
7F9160

Deuteranomaly
878E67

Tritanomaly
5D978A

Monochromacy



Original Color
559B64

Achromatopsia
808080

Achromatomaly
708A76

CSS Examples

Text

The CSS property to change the color of the text to Hex 559B64 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 #559B64 looks like.

```
.text, #text, p{  
    color:#559B64  
}
```

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 #559B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559B64
}
```

Border

The CSS property to change the border of an element to Hex 559B64 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
#559B64 }
```

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

```
.border{ border-color:#559B64 }
```

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

Here you see how a box with a 4 pixel #559B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559B64; -webkit-box-shadow:4px 4px  
4px 4px #559B64; box-shadow:4px 4px 4px  
4px #559B64 }
```

Background

The CSS property to change the background color of an element to Hex 559B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559B64 }
```

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

```
.background{ background-color:#559B64 }
```

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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