

# Converting Colors

Hex(5E9160)

Have a look what the booklet for  
Hex(5E9160) contains.

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# Color

Hex(5E9160)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E9160
RGB	94, 145, 96
RGB Percent	37%, 57%, 38%
CMY	0.6314, 0.4314, 0.6235
CMYK	0.35, 0.00, 0.34, 0.43
HSL	122°, 21%, 47%
HSV	122°, 35%, 57%
XYZ	16.8528, 23.4750, 14.7092
YIQ	124.1650, -14.6670, -26.0510

# Conversions

## Conversions Part 2

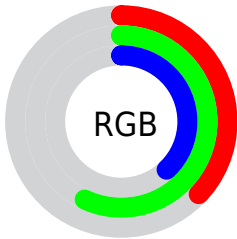
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 143, 145
Decimal	6197600
CIELab	55.56, -27.54, 20.75
CIElCh	56, 34.487, 143.001
Yxy	23.4750, 0.3062, 0.4265
Android (android.graphics.Color)	4284387680 (0xFF5E9160)
YUV	124.1650, -13.8853, -26.4547
Hunter-Lab	48.4510, -22.7013, 15.9159

# Details

The Hex color **5E9160** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **915E8F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **92C793**, and **2C5E31** is the 20% darker color. If you saturate the color by 10%, you get **509152**, and if you desaturate by 10%, it is **6D916E**.

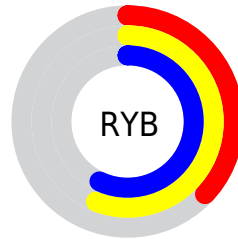
# Distribution



Red (37%)

Green (57%)

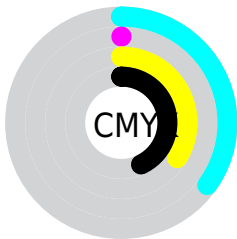
Blue (38%)



Red (37%)

Yellow (56%)

Blue (57%)

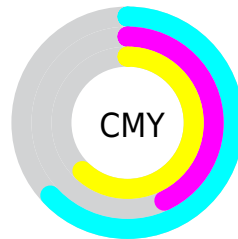


Cyan (35%)

Magenta (0%)

Yellow (34%)

Black (43%)



Cyan (63%)

Magenta (43%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E9160 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 5E9160 by changing the saturation by 10% instead.



 5E9160

 5E9160

FFFFFF

 457748

 92C793

 2C5E31

 ADE3AE

 12461B

 C9FFC9

 002F03

 E6FFE5

 001C00

 000000

 5E9160

 5E9160

 509152

 6D916E

 419144

 7B917C

■ 339136

■ 8A918A

■ 249128

■ 989198

■ 16911A

■ A791A6

■ 07910C

■ B591B4

■ 009106

■ C491C2

■ D291CF

■ E191DD

# Harmonies

## Analogous

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



818A4D



5E9160



32947D

# Triad

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



5E9160



498AC0



BF6F6F

# Complementary

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



5E9160



915E8F

# 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.



BA6E8D



5E9160



7E80BC

# Square

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



5E9160



0091B4



A475A9



B47656

# Rectangle

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



5E9160



009592



A475A9



BF6D79



# Sweetspot

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



5E9160



A8BDA9



8F915E



525E53



DEDEDE



5E5E5E



# Same Dimension

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



5E9160



6DBD71



5E9179



404741



008705



000800



# Inverse Universe

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



915E8F



BD6DBA



915E76



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 5E9160 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 5E9160 Background



This preview shows how black text looks on a background with the Hex color 5E9160.




This preview shows how white text looks on a background with the Hex color 5E9160.

# 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**  
688A95

# Trichromacy



**Original Color**  
5E9160

**Protanomaly**  
7D895D

**Deuteranomaly**  
858663

**Tritanomaly**  
648D82

# Monochromacy



**Original Color**  
5E9160

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
718472

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E9160 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 #5E9160 looks like.

```
.text, #text, p{  
    color:#5E9160  
}
```

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 #5E9160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9160
}
```

## Border

The CSS property to change the border of an element to Hex 5E9160 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
#5E9160 }
```

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

```
.border{ border-color:#5E9160 }
```

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

Here you see how a box with a 4 pixel #5E9160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9160; -webkit-box-shadow:4px 4px  
4px 4px #5E9160; box-shadow:4px 4px 4px  
4px #5E9160 }
```

# Background

The CSS property to change the background color of an element to Hex 5E9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9160 }
```

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

```
.background{ background-color:#5E9160 }
```

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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