

# Converting Colors

Hex(5F915F)

Have a look what the booklet for  
Hex(5F915F) contains.

<b>Hex(5F915F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F915F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F915F
RGB	95, 145, 95
RGB Percent	37%, 57%, 37%
CMY	0.6275, 0.4314, 0.6275
CMYK	0.34, 0.00, 0.34, 0.43
HSL	120°, 21%, 47%
HSV	120°, 34%, 57%
XYZ	16.9103, 23.5099, 14.4731
YIQ	124.3500, -13.7500, -26.1500

# Conversions

## Conversions Part 2

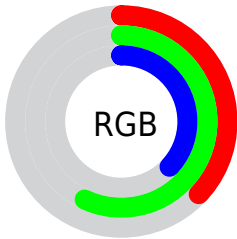
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 145, 145
Decimal	6263135
CIELab	55.59, -27.38, 21.37
CIELCh	56, 34.729, 142.028
Yxy	23.5099, 0.3081, 0.4283
Android (android.graphics.Color)	4284453215 (0xFF5F915F)
YUV	124.3500, -14.4695, -25.7399
Hunter-Lab	48.4870, -22.5989, 16.2432

# Details

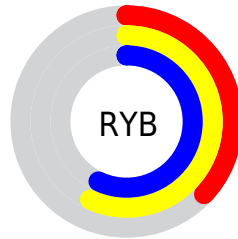
The Hex color **5F915F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **915F91**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **93C792**, and **2D5E30** is the 20% darker color. If you saturate the color by 10%, you get **519151**, and if you desaturate by 10%, it is **6E916E**.

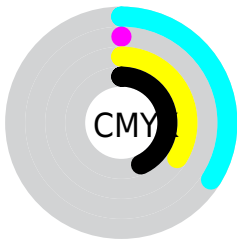
# Distribution



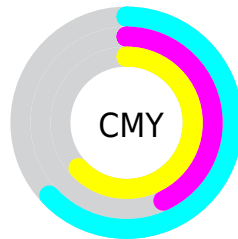
- Red (37%)
- Green (57%)
- Blue (37%)



- Red (37%)
- Yellow (57%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F915F 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 5F915F by changing the saturation by 10% instead.



 5F915F

 5F915F

FFFFFF

 467747

 93C792

 2D5E30

 AEE3AD

 14461A

 CAFFC8

 002F02


 E7FFE4

 001C00

 000000

 5F915F

 5F915F

 519151

 6E916E

 429142

 7C917C

 349134

 8B918B

 259125

 999199

 179117

 A891A8

 089108

 B691B6

 009100

 C491C4

 D391D3

 E291E2

# Harmonies

## Analogous

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



828A4C



5F915F



33957C

# Triad

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



5F915F



478BC0



BF6E70

# Complementary

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



5F915F



915F91

# 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.



BA6E8F



5F915F



7C80BD

# Square

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



5F915F



0092B4



A375AB



B57657

# Rectangle

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



5F915F



009591



A375AB



BF6D7A



# Sweetspot

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



5F915F



AABDAA



91915F



535E53



DEDEDE



5E5E5E



# Same Dimension

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



5F915F



6FBD6F



5F9178



404740



008700



000800



# Inverse Universe

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



915F91



BD6FBD



915F78



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 5F915F 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

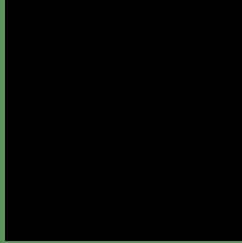
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F915F Background



This preview shows how black text looks on a background with the Hex color 5F915F.



This preview shows how white text looks on a background with the Hex color 5F915F.

# 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



**Original Color**  
5F915F

**Protanopia**  
90855A

**Deuteranopia**  
9C7F63



**Tritanopia**  
698A95

# Trichromacy



**Original Color**  
5F915F

**Protanomaly**  
7E895C

**Deuteranomaly**  
868662

**Tritanomaly**  
658D81

# Monochromacy



**Original Color**  
5F915F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
718471

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F915F 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 #5F915F looks like.

```
.text, #text, p{  
    color:#5F915F  
}
```

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 #5F915F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F915F
}
```

## Border

The CSS property to change the border of an element to Hex 5F915F 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
#5F915F }
```

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

```
.border{ border-color:#5F915F }
```

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

Here you see how a box with a 4 pixel #5F915F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F915F; -webkit-box-shadow:4px 4px  
4px 4px #5F915F; box-shadow:4px 4px 4px  
4px #5F915F }
```

# Background

The CSS property to change the background color of an element to Hex 5F915F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F915F }
```

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

```
.background{ background-color:#5F915F }
```

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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