

Converting Colors

Hex(5F952F)

Have a look what the booklet for
Hex(5F952F) contains.

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Color

Hex(5F952F)

Conversions

Conversions Part 1

Format	Color
Hex	5F952F
RGB	95, 149, 47
RGB Percent	37%, 58%, 18%
CMY	0.6275, 0.4157, 0.8157
CMYK	0.36, 0.00, 0.68, 0.42
HSL	92°, 52%, 38%
HSV	92°, 68%, 58%
XYZ	15.9799, 24.1330, 6.5052
YIQ	121.2260, 0.5580, -43.1700

Conversions

Conversions Part 2

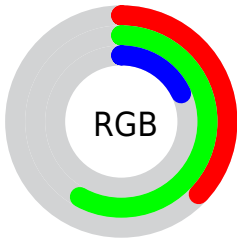
Format	Color
RYB	47, 149, 101
Decimal	6264111
CIELab	56.22, -35.34, 46.33
CIElCh	56, 58.269, 127.331
Yxy	24.1330, 0.3428, 0.5177
Android (android.graphics.Color)	4284454191 (0xFF5F952F)
YUV	121.2260, -36.5934, -23.0002
Hunter-Lab	49.1254, -27.9057, 26.5365

Details

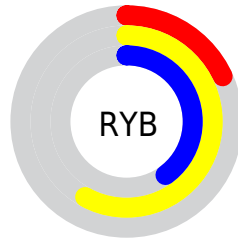
The Hex color **5F952F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **652F95**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **95CC62**, and **296200** is the 20% darker color. If you saturate the color by 10%, you get **579520**, and if you desaturate by 10%, it is **67953E**.

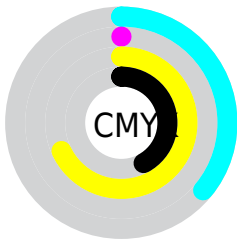
Distribution



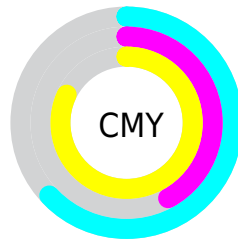
- Red (37%)
- Green (58%)
- Blue (18%)



- Red (18%)
- Yellow (58%)
- Blue (40%)



- Cyan (36%)
- Magenta (0%)
- Yellow (68%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F952F 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 5F952F by changing the saturation by 10% instead.

 5F952F

 5F952F

FFFFFF

 447B13

 95CC62

 296200

 B1E87D

 0C4900

 CDFF98

 003200

 EAFFB3

 001E00

 FFFFCF

 000000

 FFFFEC

 5F952F

 5F952F

 579520

 67953E

■ 4F9511

■ 6F954D

■ 479502

■ 77955C

■ 469500

■ 7F956B

■ 86957A

■ 8E9588

■ 969597

■ 9E95A6

■ A695B5

Harmonies

Analogous

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



958811



5F952F



009C5E

Triad

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



5F952F



0096E4



E2557C

Complementary

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



5F952F



652F95

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.



CD5EAF



5F952F



2289EC

Square

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



5F952F



009DC3



9974D8



DB614C

Rectangle

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



5F952F



009E80



9974D8



DE568E

Sweetspot

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



5F952F



ACC299



95642F



546149



E0E0E0



616161

Same Dimension

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



5F952F



6EC223



2F9531



464A43



418A00



050A00

Inverse Universe

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



652F95



7723C2



952F93



46434A



49008A



05000A

Previews

White Background



This preview shows how the Hex color 5F952F 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 5F952F Background



This preview shows how black text looks on a background with the Hex color 5F952F.



This preview shows how white text looks on a background with the Hex color 5F952F.

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
5F952F

Protanopia
96862B

Deuteranopia
A78036



Tritanopia
6E8B96

Trichromacy



Original Color
5F952F

Protanomaly
828B2C

Deuteranomaly
8D8833

Tritanomaly
698F71

Monochromacy



Original Color
5F952F

Achromatopsia
797979

Achromatomaly
70835E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F952F 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 #5F952F looks like.

```
.text, #text, p{  
    color:#5F952F  
}
```

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 #5F952F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F952F
}
```

Border

The CSS property to change the border of an element to Hex 5F952F 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
#5F952F }
```

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

```
.border{ border-color:#5F952F }
```

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

Here you see how a box with a 4 pixel #5F952F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F952F; -webkit-box-shadow:4px 4px  
4px 4px #5F952F; box-shadow:4px 4px 4px  
4px #5F952F }
```

Background

The CSS property to change the background color of an element to Hex 5F952F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F952F }
```

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

```
.background{ background-color:#5F952F }
```

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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