

Converting Colors

Hex(5F9357)

Have a look what the booklet for
Hex(5F9357) contains.

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Color

Hex(5F9357)

Conversions

Conversions Part 1

Format	Color
Hex	5F9357
RGB	95, 147, 87
RGB Percent	37%, 58%, 34%
CMY	0.6275, 0.4235, 0.6588
CMYK	0.35, 0.00, 0.41, 0.42
HSL	112°, 26%, 46%
HSV	112°, 41%, 58%
XYZ	16.8733, 23.9885, 12.7577
YIQ	124.6120, -11.7320, -29.6840

Conversions

Conversions Part 2

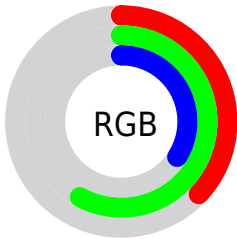
Format	Color
RYB	87, 147, 139
Decimal	6263639
CIELab	56.08, -29.66, 26.40
CIElCh	56, 39.711, 138.327
Yxy	23.9885, 0.3147, 0.4474
Android (android.graphics.Color)	4284453719 (0xFF5F9357)
YUV	124.6120, -18.5427, -25.9697
Hunter-Lab	48.9780, -24.2168, 18.8408

Details

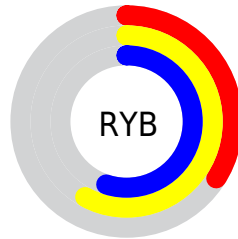
The Hex color **5F9357** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B5793**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **94C98A**, and **2D6028** is the 20% darker color. If you saturate the color by 10%, you get **529348**, and if you desaturate by 10%, it is **6C9366**.

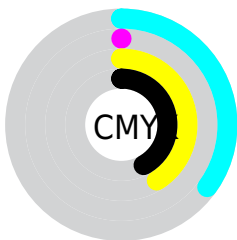
Distribution



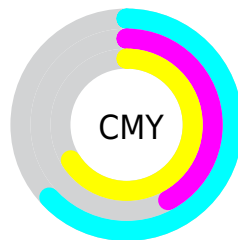
- Red (37%)
- Green (58%)
- Blue (34%)



- Red (34%)
- Yellow (58%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9357 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 5F9357 by changing the saturation by 10% instead.



5F9357



5F9357

FFFFFF



46793F



94C98A



2D6028



AFE6A4



124812



CBFFBF



003100



E7FFDB



001D00



FFFFFF8



000000



5F9357



5F9357



529348



6C9366



46933A



789374

 39932B

 859383

 2C931C

 929392

 1F930E

 9F93A1

 149300

 AB93AF

 B893BE

 C593CD

 D293DB

Harmonies

Analogous

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



878B43



5F9357



269777

Triad

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



5F9357



268ECA



C86B73

Complementary

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



5F9357



8B5793

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.



C06B95



5F9357



7483C8

Square

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



5F9357



0095B9



A475B5



BE7354

Rectangle

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



5F9357



00988F



A475B5



C86A7E

Sweetspot

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



5F9357



ABBFA8



938B57



556153



E0E0E0



616161

Same Dimension

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



5F9357



6EBF62



57936D



444A43



128A00



010A00

Inverse Universe

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



8B5793



B362BF



93577D



49434A



77008A



09000A

Previews

White Background



This preview shows how the Hex color 5F9357 looks on a white background.

Color Contrast Check

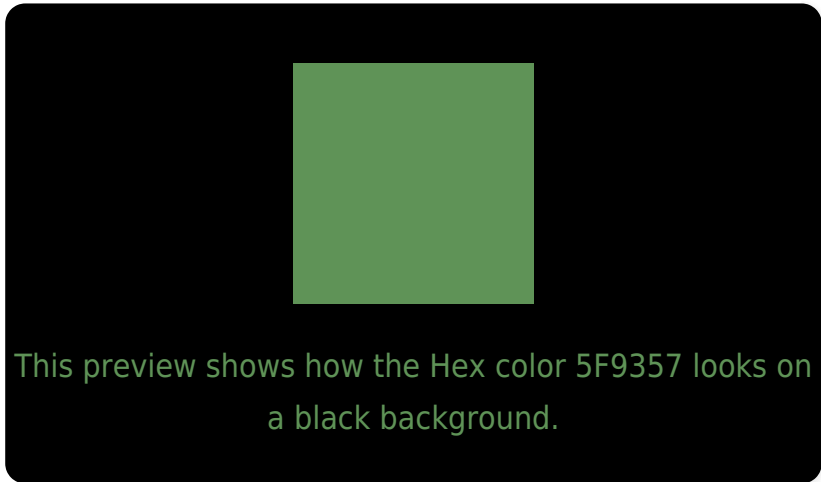
Large Text (above 18pt) WCAG AA ✓ Pass

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

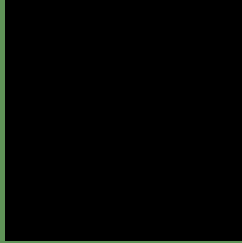
Any Text WCAG AA ✓ Pass

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 5F9357 Background



This preview shows how black text looks on a background with the Hex color 5F9357.



This preview shows how white text looks on a background with the Hex color 5F9357.

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](#).

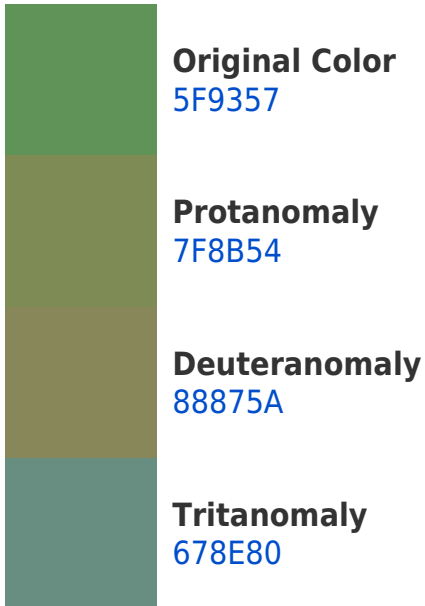
Dichromacy





Tritanopia
6B8B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9357 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 #5F9357 looks like.

```
.text, #text, p{  
    color:#5F9357  
}
```

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 #5F9357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9357
}
```

Border

The CSS property to change the border of an element to Hex 5F9357 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
#5F9357 }
```

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

```
.border{ border-color:#5F9357 }
```

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

Here you see how a box with a 4 pixel #5F9357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9357; -webkit-box-shadow:4px 4px  
4px 4px #5F9357; box-shadow:4px 4px 4px  
4px #5F9357 }
```

Background

The CSS property to change the background color of an element to Hex 5F9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9357 }
```

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

```
.background{ background-color:#5F9357 }
```

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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