

Converting Colors

Hex(5F9368)

Have a look what the booklet for
Hex(5F9368) contains.

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Color

Hex(5F9368)

Conversions

Conversions Part 1

Format	Color
Hex	5F9368
RGB	95, 147, 104
RGB Percent	37%, 58%, 41%
CMY	0.6275, 0.4235, 0.5922
CMYK	0.35, 0.00, 0.29, 0.42
HSL	130°, 21%, 47%
HSV	130°, 35%, 58%
XYZ	17.6517, 24.2998, 16.8567
YIQ	126.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

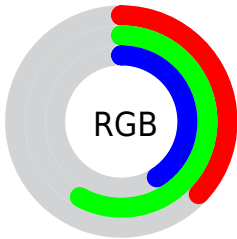
Format	Color
R_{YB}	95, 139, 147
Decimal	6263656
CIE _{Lab}	56.39, -26.74, 17.41
CIE _{LCh}	56, 31.914, 146.931
Yxy	24.2998, 0.3002, 0.4132
Android (android.graphics.Color)	4284453736 (0xFF5F9368)
YUV	126.5500, -11.1171, -27.6693
Hunter-Lab	49.2948, -22.3479, 14.2318

Details

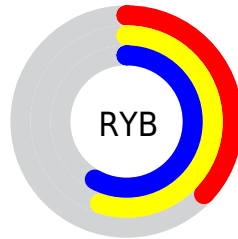
The Hex color **5F9368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **935F8A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **93C99B**, and **2D6039** is the 20% darker color. If you saturate the color by 10%, you get **50935C**, and if you desaturate by 10%, it is **6E9374**.

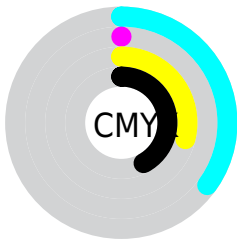
Distribution



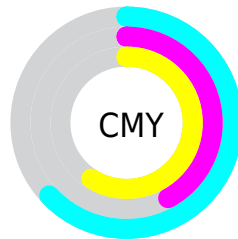
- Red (37%)
- Green (58%)
- Blue (41%)



- Red (37%)
- Yellow (55%)
- Blue (58%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9368 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 5F9368 by changing the saturation by 10% instead.



5F9368



5F9368

FFFFFF



467950



93C99B



2D6039



AEE6B6



144823



CAFFD2



00310D



E7FFEE



001E00



000000



5F9368



5F9368



50935C



6E9374



429350



7C9380

■ 339344

■ 8B938C

■ 249337

■ 9A9399

■ 16932B

■ A993A5

■ 07931F

■ B793B1

■ 009319

■ C693BD

■ D593C9

■ E393D5

Harmonies

Analogous

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



808D55



5F9368



3A9683

Triad

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



5F9368



5A8BBE



BD736F

Complementary

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



5F9368



935F8A

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.



BA728B



5F9368



8681B9

Square

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



5F9368



2792B5



A877A6



B27B5A

Rectangle

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



5F9368



1D9696



A877A6



BE7278

Sweetspot

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



5F9368



AABFAE



8A935F



546156



E0E0E0



616161

Same Dimension

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



5F9368



6FBF7D



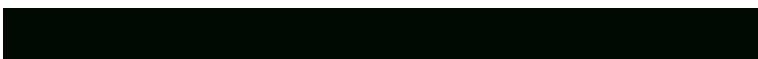
5F9382



434A44



008A18



000A02

Inverse Universe

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



935F8A



BF6FB1



935F70



4A4349



8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 5F9368 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 5F9368 Background



This preview shows how black text looks on a background with the Hex color 5F9368.



This preview shows how white text looks on a background with the Hex color 5F9368.

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
698D98

Trichromacy



Original Color
5F9368

Protanomaly
7F8B64

Deuteranomaly
86886B

Tritanomaly
658F87

Monochromacy



Original Color
5F9368

Achromatopsia
7F7F7F

Achromatomaly
738677

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9368 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 #5F9368 looks like.

```
.text, #text, p{  
    color:#5F9368  
}
```

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 #5F9368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9368
}
```

Border

The CSS property to change the border of an element to Hex 5F9368 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
#5F9368 }
```

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

```
.border{ border-color:#5F9368 }
```

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

Here you see how a box with a 4 pixel #5F9368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9368; -webkit-box-shadow:4px 4px  
4px 4px #5F9368; box-shadow:4px 4px 4px  
4px #5F9368 }
```

Background

The CSS property to change the background color of an element to Hex 5F9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9368 }
```

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

```
.background{ background-color:#5F9368 }
```

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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