

# Converting Colors

Hex(5F9468)

Have a look what the booklet for  
Hex(5F9468) contains.

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# Color

Hex(5F9468)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9468
RGB	95, 148, 104
RGB Percent	37%, 58%, 41%
CMY	0.6275, 0.4196, 0.5922
CMYK	0.36, 0.00, 0.30, 0.42
HSL	130°, 22%, 48%
HSV	130°, 36%, 58%
XYZ	17.8079, 24.6122, 16.9088
YIQ	127.1370, -17.4640, -24.9200

# Conversions

## Conversions Part 2

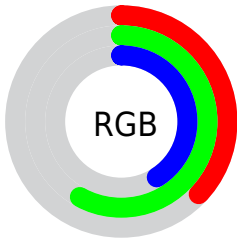
Format	Color
R <sub>Y</sub> B	95, 140, 148
Decimal	6263912
CIE Lab	56.70, -27.24, 17.84
CIE LCh	57, 32.557, 146.781
Yxy	24.6122, 0.3002, 0.4148
Android (android.graphics.Color)	4284453992 (0xFF5F9468)
YUV	127.1370, -11.4065, -28.1841
Hunter-Lab	49.6107, -22.7455, 14.5197

# Details

The Hex color **5F9468** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945F8B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **93CA9B**, and **2D6139** is the 20% darker color. If you saturate the color by 10%, you get **50945C**, and if you desaturate by 10%, it is **6E9474**.

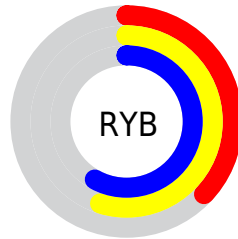
# Distribution



Red (37%)

Green (58%)

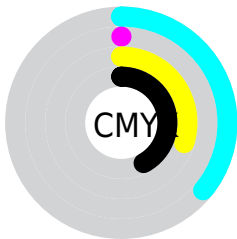
Blue (41%)



Red (37%)

Yellow (55%)

Blue (58%)

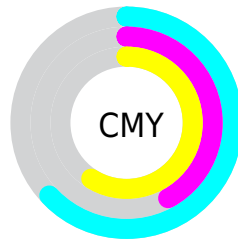


Cyan (36%)

Magenta (0%)

Yellow (30%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9468 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 5F9468 by changing the saturation by 10% instead.





5F9468



5F9468

FFFFFF



467A50



93CA9B



2D6139



AEE7B6



134923



CAFFD2



00320D



E7FFEE



001F00



000000



5F9468



5F9468



50945C



6E9474



41944F



7D9481

■ 339443

■ 8B948D

■ 249437

■ 9A9499

■ 15942B

■ A994A5

■ 06941E

■ B894B2

■ 009419

■ C794BE

■ D594CA

■ E494D7

# Harmonies

## Analogous

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



808E54



5F9468



389784

# Triad

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



5F9468



598CC0



BF7470

# Complementary

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



5F9468



945F8B

# 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.



BC728C



5F9468



8782BB

# Square

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



5F9468



2393B7



A978A7



B37B59

# Rectangle

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



5F9468



189797



A978A7



BF7279



# Sweetspot

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



5F9468



AABFAE



8B945F



546156



E0E0E0



616161



# Same Dimension

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



5F9468



6DBF7B



5F9482



434A44



008A17



000A02



# Inverse Universe

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



945F8B



BF6DB1



945F71



4A4349



8A0072



0A0008



# Previews

## White Background



This preview shows how the Hex color 5F9468 looks on a white background.

## Color Contrast Check

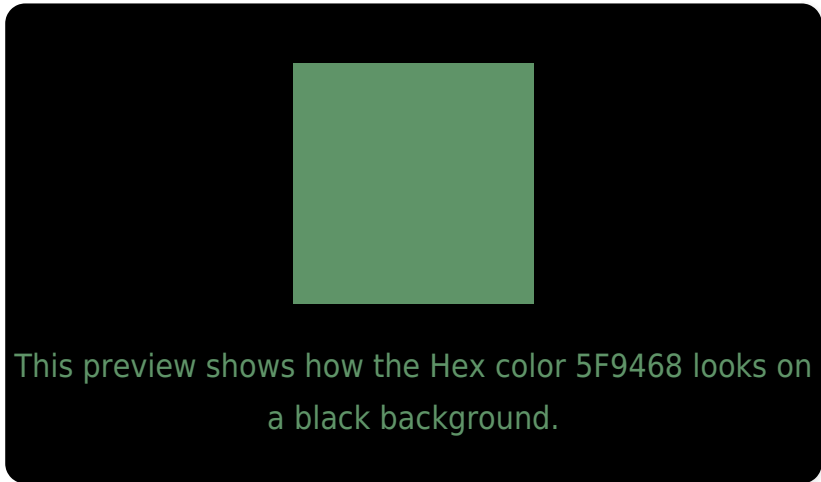
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F9468 Background



This preview shows how black text looks on a background with the Hex color 5F9468.



This preview shows how white text looks on a background with the Hex color 5F9468.

# 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**  
698E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9468 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 #5F9468 looks like.

```
.text, #text, p{  
    color:#5F9468  
}
```

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 #5F9468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9468
}
```

## Border

The CSS property to change the border of an element to Hex 5F9468 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
#5F9468 }
```

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

```
.border{ border-color:#5F9468 }
```

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

Here you see how a box with a 4 pixel #5F9468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9468; -webkit-box-shadow:4px 4px  
4px 4px #5F9468; box-shadow:4px 4px 4px  
4px #5F9468 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9468 }
```

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

```
.background{ background-color:#5F9468 }
```

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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