

# Converting Colors

Hex(5F7F14)

Have a look what the booklet for  
Hex(5F7F14) contains.

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# Color

Hex(5F7F14)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7F14
RGB	95, 127, 20
RGB Percent	37%, 50%, 8%
CMY	0.6275, 0.5020, 0.9216
CMYK	0.25, 0.00, 0.84, 0.50
HSL	78°, 73%, 29%
HSV	78°, 84%, 50%
XYZ	12.4350, 17.6621, 3.4156
YIQ	105.2340, 15.2750, -40.0610

# Conversions

## Conversions Part 2

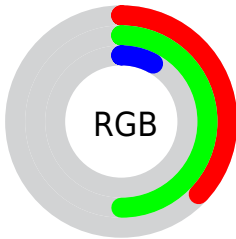
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 127, 52
Decimal	6258452
CIE <sub>Lab</sub>	49.08, -26.71, 49.14
CIE <sub>LCh</sub>	49, 55.926, 118.524
Yxy	17.6621, 0.3711, 0.5270
Android (android.graphics.Color)	4284448532 (0xFF5F7F14)
YUV	105.2340, -42.0204, -8.9752
Hunter-Lab	42.0264, -20.7307, 24.5998

# Details

The Hex color **5F7F14** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34147F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **95B44B**, and **2C4E00** is the 20% darker color. If you saturate the color by 10%, you get **5B7F07**, and if you desaturate by 10%, it is **637F21**.

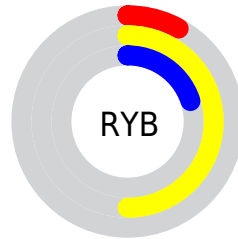
# Distribution



Red (37%)

Green (50%)

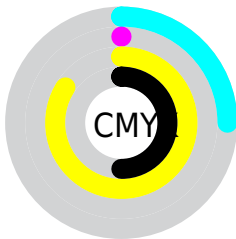
Blue (8%)



Red (8%)

Yellow (50%)

Blue (20%)

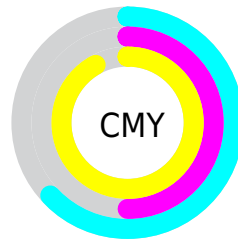


Cyan (25%)

Magenta (0%)

Yellow (84%)

Black (50%)



Cyan (63%)

Magenta (50%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7F14 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 5F7F14 by changing the saturation by 10% instead.





5F7F14



5F7F14

FFFFFF



456600



95B44B



2C4E00



B0CF65



103700



CDEC7F



002200



E AFF9A



000000



FFFF B6



FFFF D2



FFFF EF



5F7F14



5F7F14

■ 5B7F07

■ 637F21

■ 597F00

■ 677F2D

■ 6A7F3A

■ 6E7F47

■ 727F54

■ 767F60

■ 7A7F6D

■ 7D7F7A

■ 817F86

# Harmonies

## Analogous

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



8E7200



5F7F14



028740

# Triad

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



5F7F14



0086C5



C64579

# Complementary

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



5F7F14



34147F

# 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.



AB53A7



5F7F14



007BD4

# Square

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



5F7F14



008AA1



6F69C8



C74B4A

# Rectangle

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



5F7F14



008A60



6F69C8



C14889



# Sweetspot

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



5F7F14



99A67C



7F3214



4D543B



D4D4D4



545454



# Same Dimension

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



5F7F14



74A600



2B7F14



3E4039



598000



000000



# Inverse Universe

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



34147F



3200A6



68147F



3B3940



260080



000000



# Previews

## White Background



This preview shows how the Hex color 5F7F14 looks on a white background.

## Color Contrast Check

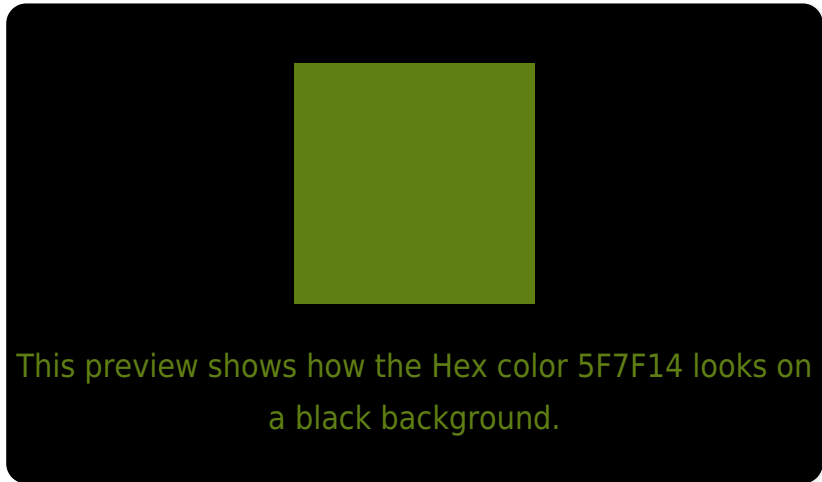
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 5F7F14 Background



This preview shows how black text looks on a background with the Hex color 5F7F14.



This preview shows how white text looks on a background with the Hex color 5F7F14.

# 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**  
5F7F14

**Protanopia**  
837511

**Deuteranopia**  
926E1E



**Tritanopia**  
6A7680

# Trichromacy



**Original Color**  
5F7F14

**Protanomaly**  
767912

**Deuteranomaly**  
7F741A

**Tritanomaly**  
667959

# Monochromacy



**Original Color**  
5F7F14

**Achromatopsia**  
696969

**Achromatomaly**  
65714A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7F14 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 #5F7F14 looks like.

```
.text, #text, p{  
    color:#5F7F14  
}
```

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 #5F7F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7F14
}
```

## Border

The CSS property to change the border of an element to Hex 5F7F14 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
#5F7F14 }
```

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

```
.border{ border-color:#5F7F14 }
```

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

Here you see how a box with a 4 pixel #5F7F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7F14; -webkit-box-shadow:4px 4px  
4px 4px #5F7F14; box-shadow:4px 4px 4px  
4px #5F7F14 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7F14 }
```

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

```
.background{ background-color:#5F7F14 }
```

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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