

# Converting Colors

Hex(5F7B14)

Have a look what the booklet for  
Hex(5F7B14) contains.

<b>Hex(5F7B14)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5F7B14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7B14
RGB	95, 123, 20
RGB Percent	37%, 48%, 8%
CMY	0.6275, 0.5176, 0.9216
CMYK	0.23, 0.00, 0.84, 0.52
HSL	76°, 72%, 28%
HSV	76°, 84%, 48%
XYZ	11.9285, 16.6493, 3.2468
YIQ	102.8860, 16.3750, -37.9690

# Conversions

## Conversions Part 2

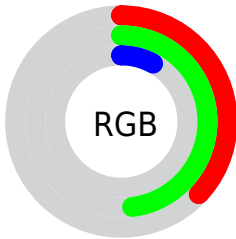
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 123, 48
Decimal	6257428
CIELab	47.82, -24.73, 48.01
CIELCh	48, 54.003, 117.256
Yxy	16.6493, 0.3748, 0.5232
Android (android.graphics.Color)	4284447508 (0xFF5F7B14)
YUV	102.8860, -40.8628, -6.9160
Hunter-Lab	40.8036, -19.2235, 23.8448

# Details

The Hex color **5F7B14** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30147B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **95B04A**, and **2D4A00** is the 20% darker color. If you saturate the color by 10%, you get **5C7B08**, and if you desaturate by 10%, it is **627B20**.

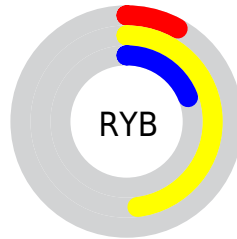
# Distribution



Red (37%)

Green (48%)

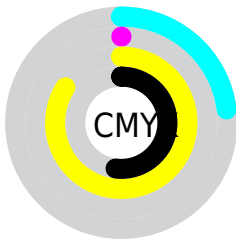
Blue (8%)



Red (8%)

Yellow (48%)

Blue (19%)

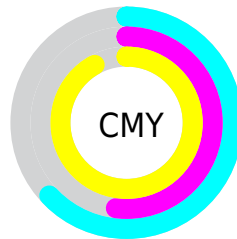


Cyan (23%)

Magenta (0%)

Yellow (84%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7B14 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 5F7B14 by changing the saturation by 10% instead.





5F7B14



5F7B14

FFFFFF



456200



95B04A



2D4A00



B0CB64



113300



CDE77E



002000



E9FF99



000000



FFFFB5



FFFFD1



FFFFED



5F7B14



5F7B14

■ 5C7B08

■ 627B20

■ 5A7B00

■ 667B2D

■ 697B39

■ 6C7B45

■ 707B52

■ 737B5E

■ 767B6A

■ 7A7B76

■ 7D7B83

# Harmonies

## Analogous

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



8B6E02



5F7B14



13833D

# Triad

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



5F7B14



0082BE



C04478

# Complementary

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



5F7B14



30147B

# 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.



A452A3



5F7B14



0078CD

# Square

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



5F7B14



00869A



6967C3



C1494B

# Rectangle

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



5F7B14



00865C



6967C3



BA4787



# Sweetspot

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



5F7B14



96A178



7B2F14



4B5239



D1D1D1



525252



# Same Dimension

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



5F7B14



75A100



2C7B14



3C3D37



5B7D00



B8FC00



# Inverse Universe

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



30147B



2C00A1



63147B



39373D



22007D



4500FC



# Previews

## White Background



This preview shows how the Hex color 5F7B14 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F7B14 Background



This preview shows how black text looks on a background with the Hex color 5F7B14.



This preview shows how white text looks on a background with the Hex color 5F7B14.

# 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**  
5F7B14

**Protanopia**  
807211

**Deuteranopia**  
8E6B1D



**Tritanopia**  
6A727C

# Trichromacy



**Original Color**  
5F7B14

**Protanomaly**  
747512

**Deuteranomaly**  
7D711A

**Tritanomaly**  
667556

# Monochromacy



**Original Color**  
5F7B14

**Achromatopsia**  
676767

**Achromatomaly**  
646E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7B14 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 #5F7B14 looks like.

```
.text, #text, p{  
    color:#5F7B14  
}
```

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 #5F7B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7B14
}
```

## Border

The CSS property to change the border of an element to Hex 5F7B14 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
#5F7B14 }
```

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

```
.border{ border-color:#5F7B14 }
```

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

Here you see how a box with a 4 pixel #5F7B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7B14; -webkit-box-shadow:4px 4px  
4px 4px #5F7B14; box-shadow:4px 4px 4px  
4px #5F7B14 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7B14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7B14 }
```

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

```
.background{ background-color:#5F7B14 }
```

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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