

Converting Colors

Hex(5E7114)

Have a look what the booklet for
Hex(5E7114) contains.

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Color

Hex(5E7114)

Conversions

Conversions Part 1

Format	Color
Hex	5E7114
RGB	94, 113, 20
RGB Percent	37%, 44%, 8%
CMY	0.6314, 0.5569, 0.9216
CMYK	0.17, 0.00, 0.82, 0.56
HSL	72°, 70%, 26%
HSV	72°, 82%, 44%
XYZ	10.6475, 14.2404, 2.8493
YIQ	96.7170, 18.5290, -32.9510

Conversions

Conversions Part 2

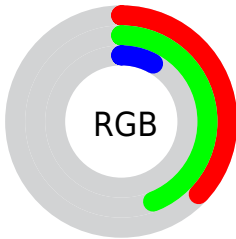
Format	Color
R_{YB}	20, 113, 39
Decimal	6189332
CIE _{Lab}	44.58, -20.07, 45.06
CIE _{LCh}	45, 49.331, 114.009
Yxy	14.2404, 0.3839, 0.5134
Android (android.graphics.Color)	4284379412 (0xFF5E7114)
YUV	96.7170, -37.8215, -2.3828
Hunter-Lab	37.7365, -15.6745, 21.9388

Details

The Hex color **5E7114** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **271471**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **93A548**, and **2C4100** is the 20% darker color. If you saturate the color by 10%, you get **5C7109**, and if you desaturate by 10%, it is **60711F**.

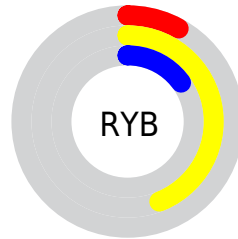
Distribution



Red (37%)

Green (44%)

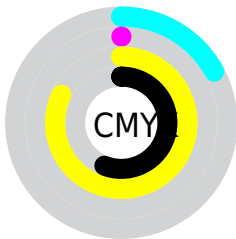
Blue (8%)



Red (8%)

Yellow (44%)

Blue (15%)

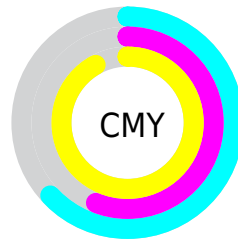


Cyan (17%)

Magenta (0%)

Yellow (82%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7114 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 5E7114 by changing the saturation by 10% instead.

 5E7114

 5E7114

FFFFFF

 445900

 93A548

 2C4100

 AFC062

 122B00

 CBDC7C

 001900

 E8F897

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 5E7114

 5E7114

■ 5C7109

■ 60711F

■ 5A7100

■ 63712B

■ 657136

■ 677141

■ 6A714D

■ 6C7158

■ 6E7163

■ 70716E

■ 73717A

Harmonies

Analogous

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



85650B



5E7114



257936

Triad

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



5E7114



0079AB



AF4273

Complementary

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



5E7114



271471

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.



93509A



5E7114



0071BB

Square

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



5E7114



007D8A



5A62B5



B2454B

Rectangle

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



5E7114



007B51



5A62B5



A84581

Sweetspot

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



5E7114



8C946F



712714



454A34



C9C9C9



4A4A4A

Same Dimension

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



5E7114



769401



307114



373832



5F7800



C5F700

Inverse Universe

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



271471



1F0194



551471



343238



180078



3300F7

Previews

White Background



This preview shows how the Hex color 5E7114 looks on a white background.

Color Contrast Check

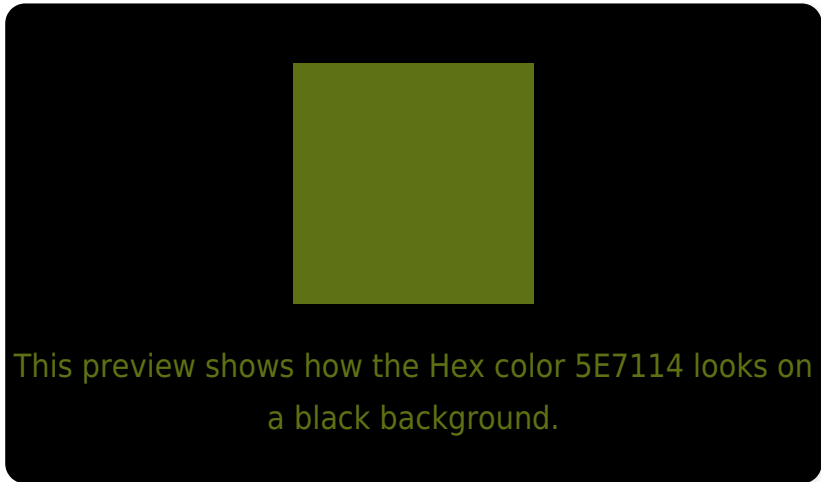
Large Text (above 18pt) WCAG AA ✓ Pass

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

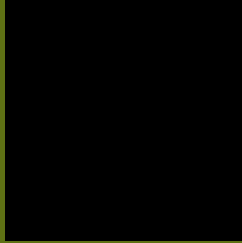
Any Text WCAG AA × Fail

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 5E7114 Background



This preview shows how black text looks on a background with the Hex color 5E7114.



This preview shows how white text looks on a background with the Hex color 5E7114.

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
5E7114

Protanopia
776A12

Deuteranopia
84641B



Tritanopia
676972

Trichromacy



Original Color
5E7114

Protanomaly
6E6D13

Deuteranomaly
766918

Tritanomaly
646C50

Monochromacy



Original Color
5E7114

Achromatopsia
616161

Achromatomaly
606745

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7114 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 #5E7114 looks like.

```
.text, #text, p{  
    color:#5E7114  
}
```

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 #5E7114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7114
}
```

Border

The CSS property to change the border of an element to Hex 5E7114 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".

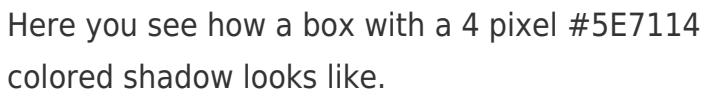
```
.border, #border, table{ border:4px solid
#5E7114 }
```

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

```
.border{ border-color:#5E7114 }
```

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

Here you see how a box with a 4 pixel #5E7114 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7114; -webkit-box-shadow:4px 4px  
4px 4px #5E7114; box-shadow:4px 4px 4px  
4px #5E7114 }
```

Background

The CSS property to change the background color of an element to Hex 5E7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7114 }
```

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

```
.background{ background-color:#5E7114 }
```

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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