

Converting Colors

Hex(5A6E1C)

Have a look what the booklet for
Hex(5A6E1C) contains.

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Color

Hex(5A6E1C)

Conversions

Conversions Part 1

Format	Color
Hex	5A6E1C
RGB	90, 110, 28
RGB Percent	35%, 43%, 11%
CMY	0.6471, 0.5686, 0.8902
CMYK	0.18, 0.00, 0.75, 0.57
HSL	75°, 59%, 27%
HSV	75°, 75%, 43%
XYZ	10.0020, 13.4094, 3.1597
YIQ	94.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

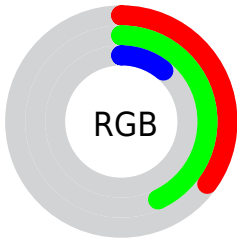
Format	Color
R _Y B	28, 110, 48
Decimal	5926428
CIE Lab	43.37, -19.86, 40.91
CIE LCh	43, 45.476, 115.899
Yxy	13.4094, 0.3764, 0.5047
Android (android.graphics.Color)	4284116508 (0xFF5A6E1C)
YUV	94.6720, -32.8693, -4.0973
Hunter-Lab	36.6188, -15.3278, 20.5172

Details

The Hex color **5A6E1C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **301C6E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8EA24E**, and **2A3E00** is the 20% darker color. If you saturate the color by 10%, you get **576E11**, and if you desaturate by 10%, it is **5D6E27**.

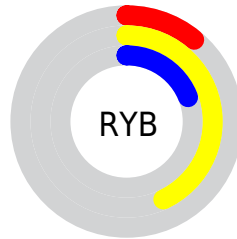
Distribution



Red (35%)

Green (43%)

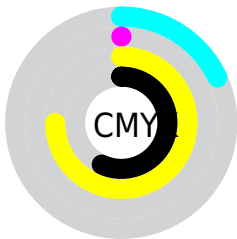
Blue (11%)



Red (11%)

Yellow (43%)

Blue (19%)

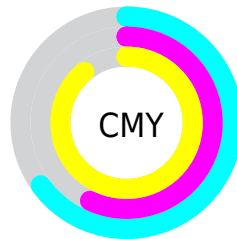


Cyan (18%)

Magenta (0%)

Yellow (75%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6E1C 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 5A6E1C by changing the saturation by 10% instead.



5A6E1C



5A6E1C

FFFFFF



415600



8EA24E



2A3E00



AABD67



102800



C6D881



001400



E2F59C



000000



FFFFB7



FFFFD3



FFFFF0



5A6E1C



5A6E1C

■ 576E11

■ 5D6E27

■ 556E06

■ 5F6E32

■ 536E00

■ 626E3D

■ 656E48

■ 676E53

■ 6A6E5E

■ 6D6E69

■ 6F6E74

■ 726E7F

Harmonies

Analogous

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



7E6313



5A6E1C



26753A

Triad

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



5A6E1C



0075A4



A7436D

Complementary

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



5A6E1C



301C6E

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.



8F4E91



5A6E1C



006CB2

Square

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



5A6E1C



007886



5E5FAB



AA4648

Rectangle

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



5A6E1C



007753



5E5FAB



A2467A

Sweetspot

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



5A6E1C



878F6F



6E2F1C



434735



C7C7C7



474747

Same Dimension

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



5A6E1C



708F10



326E1C



373832



5B7800



BBF700

Inverse Universe

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



301C6E



2F108F



581C6E



343238



1D0078



3C00F7

Previews

White Background



This preview shows how the Hex color 5A6E1C looks on a white background.

Color Contrast Check

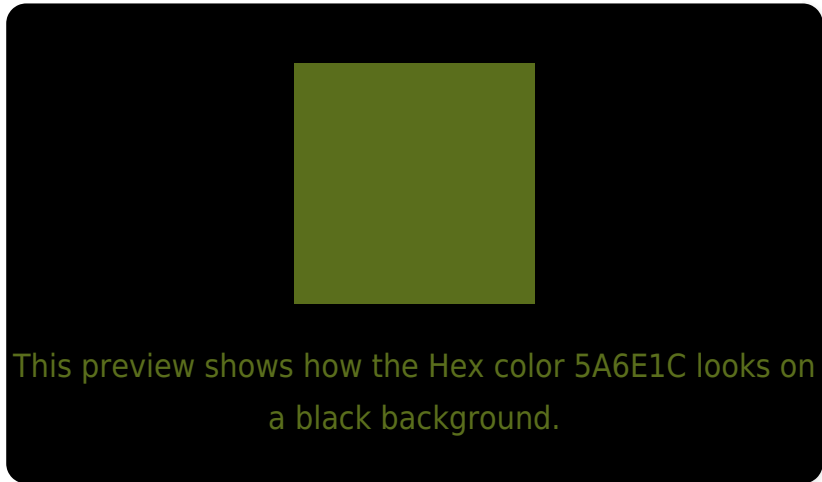
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A6E1C Background



This preview shows how black text looks on a background with the Hex color 5A6E1C.



This preview shows how white text looks on a background with the Hex color 5A6E1C.

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
5A6E1C

Protanopia
73671A

Deuteranopia
806121



Tritanopia
63676F

Trichromacy



Original Color
5A6E1C

Protanomaly
6A6A1B

Deuteranomaly
72661F

Tritanomaly
606A51

Monochromacy



Original Color
5A6E1C

Achromatopsia
5F5F5F

Achromatomaly
5D6447

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6E1C 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 #5A6E1C looks like.

```
.text, #text, p{  
    color:#5A6E1C  
}
```

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 #5A6E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6E1C
}
```

Border

The CSS property to change the border of an element to Hex 5A6E1C 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
#5A6E1C }
```

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

```
.border{ border-color:#5A6E1C }
```

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

Here you see how a box with a 4 pixel #5A6E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6E1C; -webkit-box-shadow:4px 4px  
4px 4px #5A6E1C; box-shadow:4px 4px 4px  
4px #5A6E1C }
```

Background

The CSS property to change the background color of an element to Hex 5A6E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6E1C }
```

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

```
.background{ background-color:#5A6E1C }
```

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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