

Converting Colors

Hex(5B6C1F)

Have a look what the booklet for
Hex(5B6C1F) contains.

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Color

Hex(5B6C1F)

Conversions

Conversions Part 1

Format	Color
Hex	5B6C1F
RGB	91, 108, 31
RGB Percent	36%, 42%, 12%
CMY	0.6431, 0.5765, 0.8784
CMYK	0.16, 0.00, 0.71, 0.58
HSL	73°, 55%, 27%
HSV	73°, 71%, 42%
XYZ	9.9243, 13.0482, 3.2918
YIQ	94.1390, 14.5850, -27.5510

Conversions

Conversions Part 2

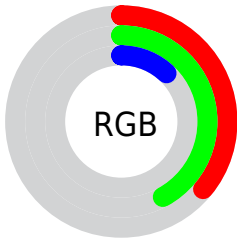
Format	Color
RYB	31, 108, 48
Decimal	5991455
CIELab	42.84, -18.16, 39.14
CIELCh	43, 43.143, 114.889
Yxy	13.0482, 0.3779, 0.4968
Android (android.graphics.Color)	4284181535 (0xFF5B6C1F)
YUV	94.1390, -31.1275, -2.7529
Hunter-Lab	36.1223, -14.1728, 19.8825

Details

The Hex color **5B6C1F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **301F6C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F9F50**, and **2B3C00** is the 20% darker color. If you saturate the color by 10%, you get **596C14**, and if you desaturate by 10%, it is **5D6C2A**.

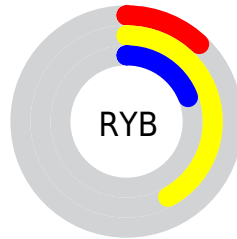
Distribution



Red (36%)

Green (42%)

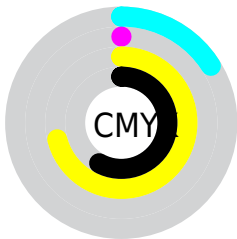
Blue (12%)



Red (12%)

Yellow (42%)

Blue (19%)

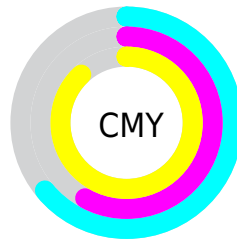


Cyan (16%)

Magenta (0%)

Yellow (71%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6C1F 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 5B6C1F by changing the saturation by 10% instead.



5B6C1F



5B6C1F

FFFFFF



425403



8F9F50



2B3C00



ABBA69



122700



C6D683



001200



E3F39E



000000



FFFFB9



FFFFD5



FFFFF2



5B6C1F



5B6C1F

■ 596C14

■ 5D6C2A

■ 566C09

■ 606C35

■ 546C00

■ 626C3F

■ 656C4A

■ 676C55

■ 696C60

■ 6C6C6B

■ 6E6C75

■ 706C80

Harmonies

Analogous

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



7D6118



5B6C1F



2C733A

Triad

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



5B6C1F



00739F



A2456D

Complementary

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



5B6C1F



301F6C

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.



8B4F8F



5B6C1F



006BAC

Square

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



5B6C1F



007682



5B5EA6



A54749

Rectangle

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



5B6C1F



007551



5B5EA6



9D4779

Sweetspot

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



5B6C1F



868C6F



6C301F



434736



C7C7C7



474747

Same Dimension

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



5B6C1F



728C14



356C1F



343630



5B7500



BFF500

Inverse Universe

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



301F6C



2E148C



561F6C



313036



1A0075



3600F5

Previews

White Background



This preview shows how the Hex color 5B6C1F looks on a white background.

Color Contrast Check

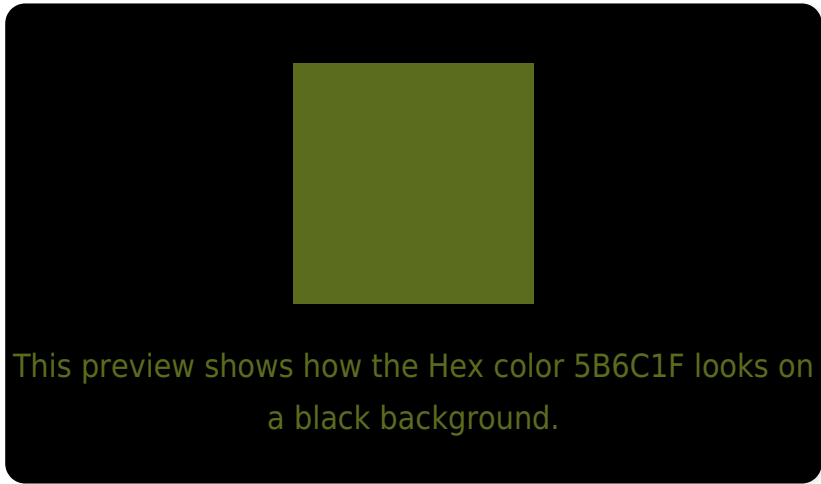
Large Text (above 18pt) WCAG AA ✓ Pass

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

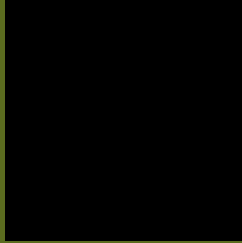
Any Text WCAG AA × Fail

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 5B6C1F Background



This preview shows how black text looks on a background with the Hex color 5B6C1F.



This preview shows how white text looks on a background with the Hex color 5B6C1F.

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
5B6C1F

Protanopia
71651D

Deuteranopia
7E6024



Tritanopia
63656D

Trichromacy



Original Color
5B6C1F

Protanomaly
69681E

Deuteranomaly
716422

Tritanomaly
606851

Monochromacy



Original Color
5B6C1F

Achromatopsia
5E5E5E

Achromatomaly
5D6347

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6C1F 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 #5B6C1F looks like.

```
.text, #text, p{  
    color:#5B6C1F  
}
```

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 #5B6C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6C1F
}
```

Border

The CSS property to change the border of an element to Hex 5B6C1F 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
#5B6C1F }
```

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

```
.border{ border-color:#5B6C1F }
```

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

Here you see how a box with a 4 pixel #5B6C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6C1F; -webkit-box-shadow:4px 4px  
4px 4px #5B6C1F; box-shadow:4px 4px 4px  
4px #5B6C1F }
```

Background

The CSS property to change the background color of an element to Hex 5B6C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6C1F }
```

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

```
.background{ background-color:#5B6C1F }
```

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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