

Converting Colors

Hex(5A711B)

Have a look what the booklet for
Hex(5A711B) contains.

Hex(5A711B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A711B)

Conversions

Conversions Part 1

Format	Color
Hex	5A711B
RGB	90, 113, 27
RGB Percent	35%, 44%, 11%
CMY	0.6471, 0.5569, 0.8941
CMYK	0.20, 0.00, 0.76, 0.56
HSL	76°, 61%, 27%
HSV	76°, 76%, 44%
XYZ	10.3194, 14.0630, 3.2075
YIQ	96.3190, 13.8980, -31.6220

Conversions

Conversions Part 2

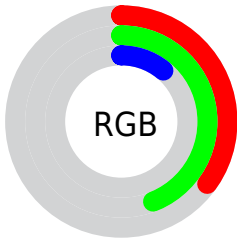
Format	Color
RYB	27, 113, 50
Decimal	5927195
CIELab	44.32, -21.48, 42.24
CIELCh	44, 47.388, 116.960
Yxy	14.0630, 0.3740, 0.5097
Android (android.graphics.Color)	4284117275 (0xFF5A711B)
YUV	96.3190, -34.1743, -5.5418
Hunter-Lab	37.5007, -16.5069, 21.1794

Details

The Hex color **5A711B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **321B71**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8FA54D**, and **294100** is the 20% darker color. If you saturate the color by 10%, you get **577110**, and if you desaturate by 10%, it is **5D7126**.

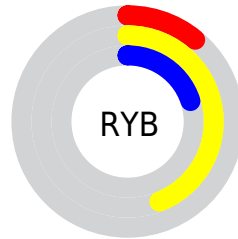
Distribution



Red (35%)

Green (44%)

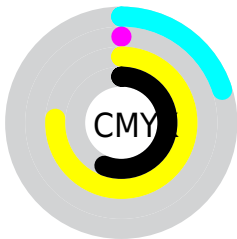
Blue (11%)



Red (11%)

Yellow (44%)

Blue (20%)

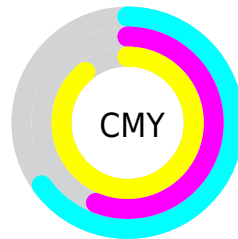


Cyan (20%)

Magenta (0%)

Yellow (76%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A711B 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 5A711B by changing the saturation by 10% instead.



5A711B



5A711B

FFFFFF



415800



8FA54D



294100



AAC067



0F2B00



C6DC81



001800



E2F89C



000000



FFFFB7



FFFFD3



FFFFF0



5A711B



5A711B

■ 577110

■ 5D7126

■ 547104

■ 607132

■ 537100

■ 63713D

■ 667148

■ 697154

■ 6C715F

■ 6F716A

■ 727175

■ 757181

Harmonies

Analogous

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



806610



5A711B



20783C

Triad

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



5A711B



0077AA



AD436F

Complementary

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



5A711B



321B71

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.



954F94



5A711B



006FB8

Square

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



5A711B



007B8B



6260AF



AF4747

Rectangle

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



5A711B



007A56



6260AF



A7467C

Sweetspot

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



5A711B



8B9472



71321B



444A35



C9C9C9



4A4A4A

Same Dimension

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



5A711B



70940D



2F711B



373832



587800



B5F700

Inverse Universe

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



321B71



310D94



5D1B71



343238



200078



4200F7

Previews

White Background



This preview shows how the Hex color 5A711B 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 5A711B Background



This preview shows how black text looks on a background with the Hex color 5A711B.



This preview shows how white text looks on a background with the Hex color 5A711B.

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
5A711B

Protanopia
766919

Deuteranopia
836321



Tritanopia
636972

Trichromacy



Original Color
5A711B

Protanomaly
6C6C1A

Deuteranomaly
74681F

Tritanomaly
606C52

Monochromacy



Original Color
5A711B

Achromatopsia
606060

Achromatomaly
5E6647

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A711B 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 #5A711B looks like.

```
.text, #text, p{  
    color:#5A711B  
}
```

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 #5A711B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A711B
}
```

Border

The CSS property to change the border of an element to Hex 5A711B 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
#5A711B }
```

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

```
.border{ border-color:#5A711B }
```

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

Here you see how a box with a 4 pixel #5A711B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A711B; -webkit-box-shadow:4px 4px  
4px 4px #5A711B; box-shadow:4px 4px 4px  
4px #5A711B }
```

Background

The CSS property to change the background color of an element to Hex 5A711B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A711B }
```

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

```
.background{ background-color:#5A711B }
```

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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