

Converting Colors

Hex(5C7618)

Have a look what the booklet for
Hex(5C7618) contains.

| | |
|--|----|
| Hex(5C7618) | 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(5C7618)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5C7618 |
| RGB | 92, 118, 24 |
| RGB Percent | 36%, 46%, 9% |
| CMY | 0.6392, 0.5373, 0.9059 |
| CMYK | 0.22, 0.00, 0.80, 0.54 |
| HSL | 77°, 66%, 28% |
| HSV | 77°, 80%, 46% |
| XYZ | 11.0569, 15.2981, 3.2342 |
| YIQ | 99.5100, 14.6780, -34.7460 |

Conversions

Conversions Part 2

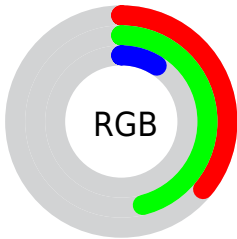
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 24, 118, 50 |
| Decimal | 6059544 |
| CIE Lab | 46.04, -23.33, 45.03 |
| CIE LCh | 46, 50.712, 117.392 |
| Yxy | 15.2981, 0.3737, 0.5170 |
| Android (android.graphics.Color) | 4284249624 (0xFF5C7618) |
| YUV | 99.5100, -37.2264, -6.5863 |
| Hunter-Lab | 39.1128, -17.9867, 22.4763 |

Details

The Hex color **5C7618** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **321876**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **91AA4C**, and **2B4500** is the 20% darker color. If you saturate the color by 10%, you get **59760C**, and if you desaturate by 10%, it is **5F7624**.

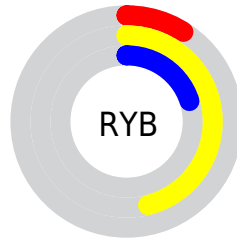
Distribution



 Red (36%)

 Green (46%)

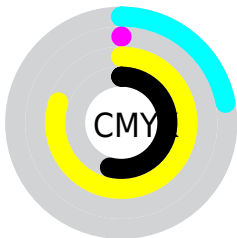
 Blue (9%)



 Red (9%)

 Yellow (46%)

 Blue (20%)

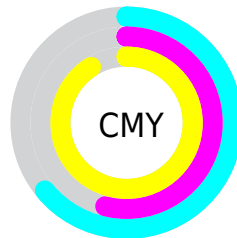


 Cyan (22%)

 Magenta (0%)

 Yellow (80%)

 Black (54%)



 Cyan (64%)

 Magenta (54%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C7618 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 5C7618 by changing the saturation by 10% instead.



5C7618



5C7618

FFFFFF



425D00



91AA4C



2B4500



ADC665



0F2F00



C9E280



001C00



E5FE9A



000000



FFFFB6



FFFFD2



FFFFEF



5C7618



5C7618

■ 59760C

■ 5F7624

■ 557600

■ 637630

■ 66763B

■ 697647

■ 6C7653

■ 70765F

■ 73766B

■ 767676

■ 797682

Harmonies

Analogous

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



856A09



5C7618



1A7D3D

Triad

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



5C7618



007DB4



B64473

Complementary

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



5C7618



321876

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.



9D509B



5C7618



0073C2

Square

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



5C7618



008193



6663B9



B84849

Rectangle

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



5C7618



008059



6663B9



B14681

Sweetspot

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



5C7618



8F9974



763118



464D36



CCCCCC



4D4D4D

Same Dimension

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



5C7618



709906



2E7618



393B35



597A00



B5FA00

Inverse Universe

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



321876



2F0699



601876



36353B



22007A



4500FA

Previews

White Background



This preview shows how the Hex color 5C7618 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 5C7618 Background



This preview shows how black text looks on a background with the Hex color 5C7618.



This preview shows how white text looks on a background with the Hex color 5C7618.

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
5C7618

Protanopia
7A6D16

Deuteranopia
89671F



Tritanopia
666E77

Trichromacy



Original Color
5C7618

Protanomaly
6F7017

Deuteranomaly
796C1C

Tritanomaly
627154

Monochromacy



Original Color
5C7618

Achromatopsia
646464

Achromatomaly
616B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C7618 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 #5C7618 looks like.

```
.text, #text, p{  
    color:#5C7618  
}
```

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 #5C7618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7618
}
```

Border

The CSS property to change the border of an element to Hex 5C7618 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
#5C7618 }
```

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

```
.border{ border-color:#5C7618 }
```

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

Here you see how a box with a 4 pixel #5C7618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7618; -webkit-box-shadow:4px 4px  
4px 4px #5C7618; box-shadow:4px 4px 4px  
4px #5C7618 }
```

Background

The CSS property to change the background color of an element to Hex 5C7618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7618 }
```

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

```
.background{ background-color:#5C7618 }
```

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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