

Converting Colors

Hex(5D7615)

Have a look what the booklet for
Hex(5D7615) contains.

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Color

Hex(5D7615)

Conversions

Conversions Part 1

Format	Color
Hex	5D7615
RGB	93, 118, 21
RGB Percent	36%, 46%, 8%
CMY	0.6353, 0.5373, 0.9176
CMYK	0.21, 0.00, 0.82, 0.54
HSL	75°, 70%, 27%
HSV	75°, 82%, 46%
XYZ	11.1280, 15.3382, 3.0835
YIQ	99.4670, 16.2370, -35.4670

Conversions

Conversions Part 2

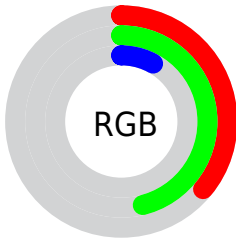
Format	Color
R_{YB}	21, 118, 46
Decimal	6125077
CIE _{Lab}	46.09, -23.04, 46.10
CIE _{LCh}	46, 51.535, 116.559
Yxy	15.3382, 0.3766, 0.5191
Android (android.graphics.Color)	4284315157 (0xFF5D7615)
YUV	99.4670, -38.6842, -5.6716
Hunter-Lab	39.1640, -17.8182, 22.7467

Details

The Hex color **5D7615** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2E1576**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **92AA4A**, and **2B4500** is the 20% darker color. If you saturate the color by 10%, you get **5A7609**, and if you desaturate by 10%, it is **607621**.

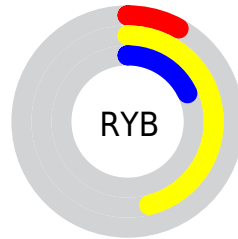
Distribution



Red (36%)

Green (46%)

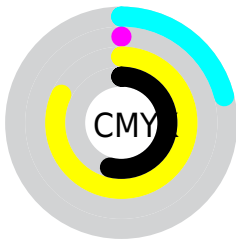
Blue (8%)



Red (8%)

Yellow (46%)

Blue (18%)

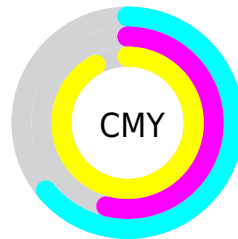


Cyan (21%)

Magenta (0%)

Yellow (82%)

Black (54%)



Cyan (64%)

Magenta (54%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7615 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 5D7615 by changing the saturation by 10% instead.



5D7615



5D7615

FFFFFF



435D00



92AA4A



2B4500



AEC663



102F00



CAE27E



001C00



E7FE98



000000



FFFFB4



FFFFD0



FFFFED



5D7615



5D7615

■ 5A7609

■ 607621

■ 587600

■ 63762D

■ 667638

■ 697644

■ 6C7650

■ 6F765C

■ 727668

■ 757673

■ 78767F

Harmonies

Analogous

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



876906



5D7615



1A7E3B

Triad

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



5D7615



007DB5



B74374

Complementary

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



5D7615



2E1576

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.



9C509D



5D7615



0074C4

Square

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



5D7615



008193



6364BB



B94749

Rectangle

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



5D7615



008058



6364BB



B14682

Sweetspot

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



5D7615



8F9973



762D15



474D36



CCCCCC



4D4D4D

Same Dimension

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



5D7615



729902



2D7615



393B35



5B7A00



B9FA00

Inverse Universe

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



2E1576



290299



5E1576



36353B



20007A



4000FA

Previews

White Background



This preview shows how the Hex color 5D7615 looks on a white background.

Color Contrast Check

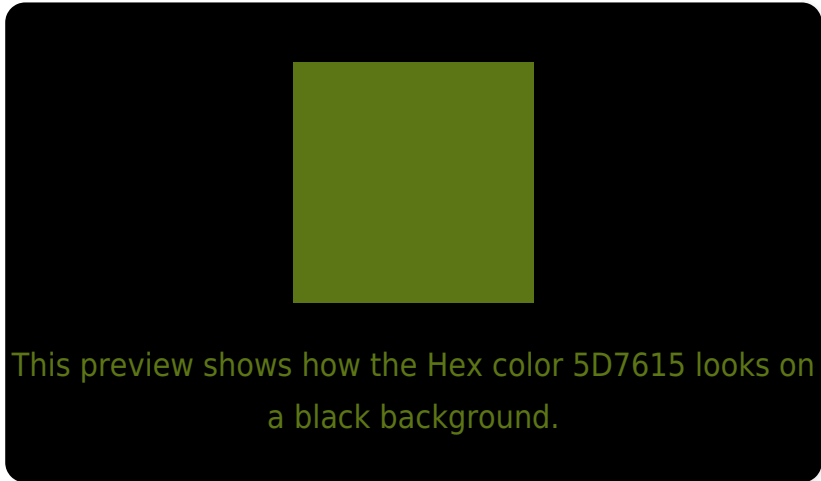
Large Text (above 18pt) WCAG AA ✓ Pass

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

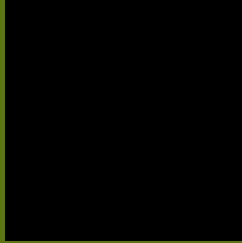
Any Text WCAG AA × Fail

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 5D7615 Background



This preview shows how black text looks on a background with the Hex color 5D7615.



This preview shows how white text looks on a background with the Hex color 5D7615.

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
5D7615

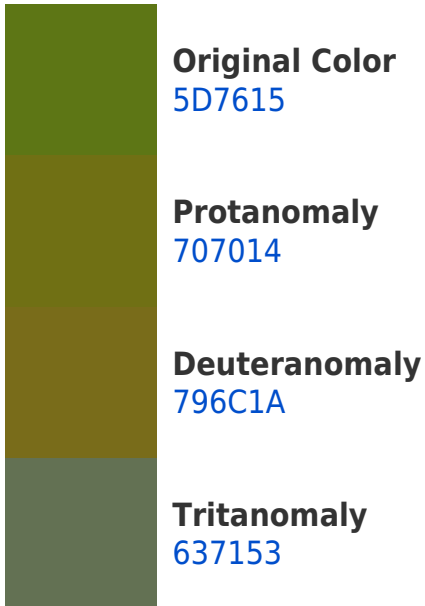
Protanopia
7B6D13

Deuteranopia
89671D

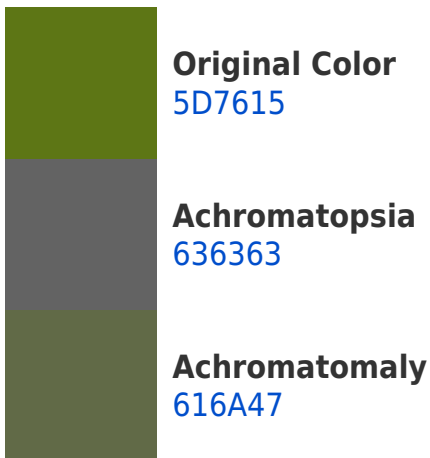


Tritanopia
676E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7615 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 #5D7615 looks like.

```
.text, #text, p{  
    color:#5D7615  
}
```

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 #5D7615 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7615
}
```

Border

The CSS property to change the border of an element to Hex 5D7615 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
#5D7615 }
```

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

```
.border{ border-color:#5D7615 }
```

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

Here you see how a box with a 4 pixel #5D7615 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7615; -webkit-box-shadow:4px 4px  
4px 4px #5D7615; box-shadow:4px 4px 4px  
4px #5D7615 }
```

Background

The CSS property to change the background color of an element to Hex 5D7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7615 }
```

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

```
.background{ background-color:#5D7615 }
```

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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