

# Converting Colors

Hex(5D762A)

Have a look what the booklet for  
Hex(5D762A) contains.

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# Color

**Hex(5D762A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D762A
RGB	93, 118, 42
RGB Percent	36%, 46%, 16%
CMY	0.6353, 0.5373, 0.8353
CMYK	0.21, 0.00, 0.64, 0.54
HSL	80°, 48%, 31%
HSV	80°, 64%, 46%
XYZ	11.4106, 15.4512, 4.5715
YIQ	101.8610, 9.4960, -28.9360

# Conversions

## Conversions Part 2

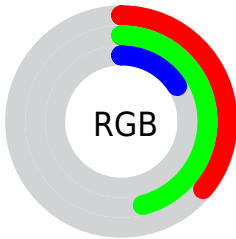
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 118, 67
Decimal	6125098
CIE <sub>Lab</sub>	46.25, -21.65, 37.81
CIE <sub>LCh</sub>	46, 43.566, 119.791
Yxy	15.4512, 0.3630, 0.4916
Android (android.graphics.Color)	4284315178 (0xFF5D762A)
<b>YUV</b>	101.8610, -29.5115, -7.7711
Hunter-Lab	39.3080, -16.9730, 20.6203

# Details

The Hex color **5D762A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **432A76**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **91AA5B**, and **2C4600** is the 20% darker color. If you saturate the color by 10%, you get **59761E**, and if you desaturate by 10%, it is **617636**.

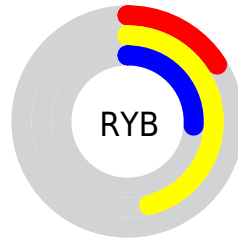
# Distribution



Red (36%)

Green (46%)

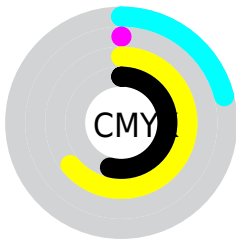
Blue (16%)



Red (16%)

Yellow (46%)

Blue (26%)

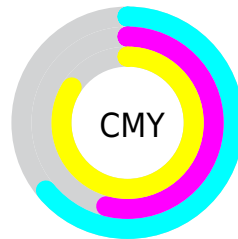


Cyan (21%)

Magenta (0%)

Yellow (64%)

Black (54%)



Cyan (64%)

Magenta (54%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D762A 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 5D762A by changing the saturation by 10% instead.



 5D762A

 5D762A

FFFFFF

 445D11

 91AA5B

 2C4600

 ADC675

 142F00

 C8E28F

 001C00

 E5FEAA

 000000

 FFFFC5

 FFFFE2

 5D762A

 5D762A

 59761E

 617636

■ 557612

■ 657642

■ 517607

■ 69764D

■ 4F7600

■ 6D7659

■ 707665

■ 747671

■ 78767D

■ 7C7688

■ 807694

# Harmonies

## Analogous

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



826C1F



5D762A



297C47

# Triad

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



5D762A



007BAC



AE4D6F

# Complementary

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



5D762A



432A76

# 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.



9A5593



5D762A



0E72B7

# Square

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



5D762A



007F91



6E64AD



AF514B

# Rectangle

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



5D762A



007F5F



6E64AD



AA4E7C



# Sweetspot

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



5D762A



8F997C



76422A



474D3B



CCCCCC



4D4D4D



# Same Dimension

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



5D762A



729923



38762A



393B35



527A00



A8FA00



# Inverse Universe

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



432A76



4A2399



682A76



37353B



28007A



5200FA



# Previews

## White Background



This preview shows how the Hex color 5D762A looks on a white background.

## Color Contrast Check

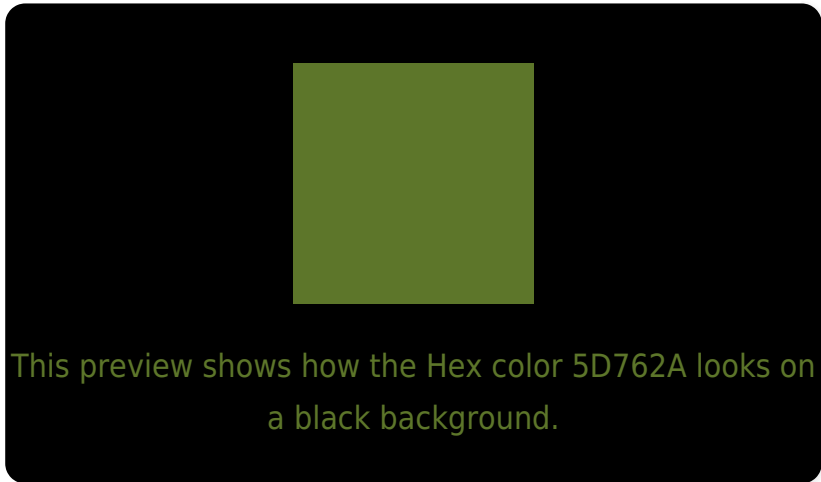
Large Text (above 18pt) WCAG AA ✓ Pass

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

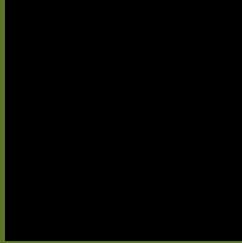
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D762A Background



This preview shows how black text looks on a background with the Hex color 5D762A.



This preview shows how white text looks on a background with the Hex color 5D762A.

# 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**  
5D762A

**Protanopia**  
7A6E28

**Deuteranopia**  
88682E



**Tritanopia**  
666E77

# Trichromacy



**Original Color**  
5D762A

**Protanomaly**  
6F7129

**Deuteranomaly**  
786D2D

**Tritanomaly**  
63715B

# Monochromacy



**Original Color**  
5D762A

**Achromatopsia**  
666666

**Achromatomaly**  
636C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D762A 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 #5D762A looks like.

```
.text, #text, p{  
    color:#5D762A  
}
```

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 #5D762A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D762A
}
```

## Border

The CSS property to change the border of an element to Hex 5D762A 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
#5D762A }
```

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

```
.border{ border-color:#5D762A }
```

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

Here you see how a box with a 4 pixel #5D762A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D762A; -webkit-box-shadow:4px 4px  
4px 4px #5D762A; box-shadow:4px 4px 4px  
4px #5D762A }
```

# Background

The CSS property to change the background color of an element to Hex 5D762A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D762A }
```

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

```
.background{ background-color:#5D762A }
```

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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