

# Converting Colors

Hex(5A6930)

Have a look what the booklet for  
Hex(5A6930) contains.

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**Color**

**Hex(5A6930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A6930
RGB	90, 105, 48
RGB Percent	35%, 41%, 19%
CMY	0.6471, 0.5882, 0.8118
CMYK	0.14, 0.00, 0.54, 0.59
HSL	76°, 37%, 30%
HSV	76°, 54%, 41%
XYZ	9.8015, 12.4902, 4.6906
YIQ	94.0170, 9.3570, -20.9070

# Conversions

## Conversions Part 2

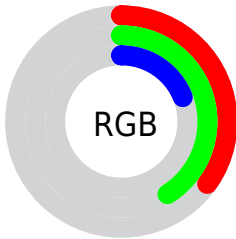
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 105, 63
Decimal	5925168
CIELab	41.98, -15.46, 29.86
CIElCh	42, 33.629, 117.377
Yxy	12.4902, 0.3633, 0.4629
Android (android.graphics.Color)	4284115248 (0xFF5A6930)
YUV	94.0170, -22.6864, -3.5229
Hunter-Lab	35.3415, -12.3428, 16.8700

# Details

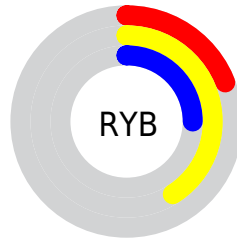
The Hex color **5A6930** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F3069**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D9C60**, and **2A3A01** is the 20% darker color. If you saturate the color by 10%, you get **576926**, and if you desaturate by 10%, it is **5D693B**.

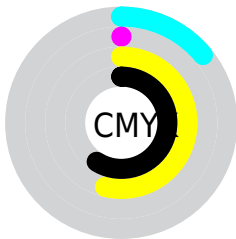
# Distribution



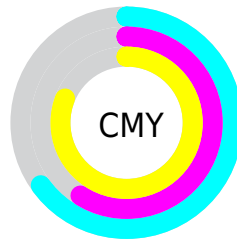
- Red (35%)
- Green (41%)
- Blue (19%)



- Red (19%)
- Yellow (41%)
- Blue (25%)



- Cyan (14%)
- Magenta (0%)
- Yellow (54%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6930 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 5A6930 by changing the saturation by 10% instead.



 5A6930

 5A6930

FFFFFF

 425119

 8D9C60

 2A3A01

 A8B779

 142400

 C4D393

 000D00

 E0EFAE

 000000

 FDFPCA

 FFFFE6

 5A6930

 5A6930

 576926

 5D693B

■ 54691B

■ 606945

■ 526911

■ 62694F

■ 4F6906

■ 65695A

■ 4D6900

■ 686965

■ 6B696F

■ 6D6979

■ 706984

■ 73698F

# Harmonies

## Analogous

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



76612A



5A6930



386E44

# Triad

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



5A6930



006E91



954C67

# Complementary

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



5A6930



3F3069

# 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.



835281



5A6930



2B679A

# Square

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



5A6930



00717C



615D94



964E4B

# Rectangle

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



5A6930



127056



615D94



914D70



# Sweetspot

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



5A6930



848A74



693E30



414538



C4C4C4



454545



# Same Dimension

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



5A6930



728A30



3E6930



343630



567500



B4F500



# Inverse Universe

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



3F3069



48308A



5B3069



323036



1F0075



4000F5



# Previews

## White Background



This preview shows how the Hex color 5A6930 looks on a white background.

## Color Contrast Check

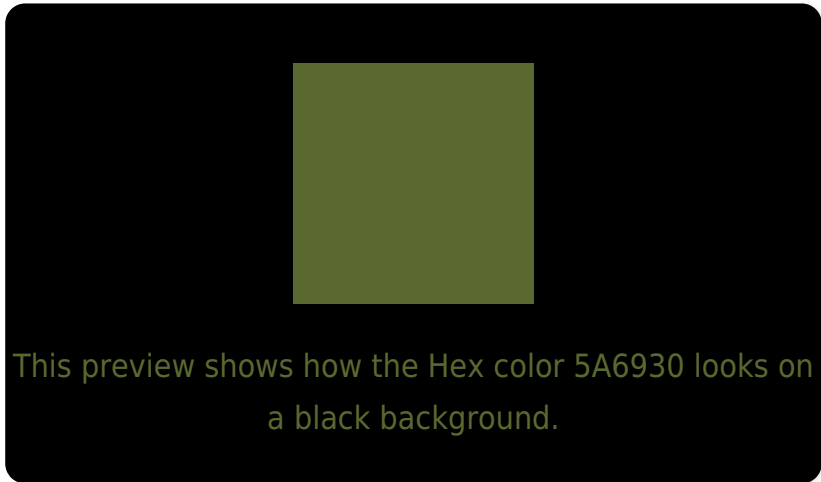
Large Text (above 18pt) WCAG AA ✓ Pass

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

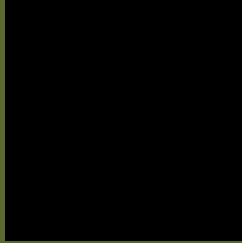
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A6930 Background



This preview shows how black text looks on a background with the Hex color 5A6930.



This preview shows how white text looks on a background with the Hex color 5A6930.

# 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**  
5A6930

**Protanopia**  
6E632E

**Deuteranopia**  
795E33



**Tritanopia**  
61636B

# Trichromacy



**Original Color**  
5A6930

**Protanomaly**  
67652F

**Deuteranomaly**  
6E6232

**Tritanomaly**  
5E6556

# Monochromacy



**Original Color**  
5A6930

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5D624D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6930 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 #5A6930 looks like.

```
.text, #text, p{  
    color:#5A6930  
}
```

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 #5A6930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6930
}
```

## Border

The CSS property to change the border of an element to Hex 5A6930 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
#5A6930 }
```

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

```
.border{ border-color:#5A6930 }
```

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

Here you see how a box with a 4 pixel #5A6930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6930; -webkit-box-shadow:4px 4px  
4px 4px #5A6930; box-shadow:4px 4px 4px  
4px #5A6930 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6930 }
```

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

```
.background{ background-color:#5A6930 }
```

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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