

# Converting Colors

Hex(5C630A)

Have a look what the booklet for  
Hex(5C630A) contains.

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**Color**

**Hex(5C630A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C630A
RGB	92, 99, 10
RGB Percent	36%, 39%, 4%
CMY	0.6392, 0.6118, 0.9608
CMYK	0.07, 0.00, 0.90, 0.61
HSL	65°, 82%, 21%
HSV	65°, 90%, 39%
XYZ	8.9303, 11.2209, 1.9823
YIQ	86.7610, 24.3970, -29.1630

# Conversions

## Conversions Part 2

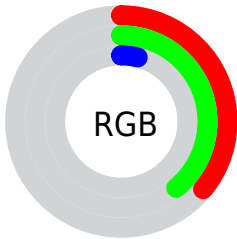
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 99, 17
Decimal	6054666
CIELab	39.95, -13.86, 43.85
CIElCh	40, 45.989, 107.537
Yxy	11.2209, 0.4035, 0.5070
Android (android.graphics.Color)	4284244746 (0xFF5C630A)
YUV	86.7610, -37.8432, 4.5946
Hunter-Lab	33.4976, -11.0338, 19.9396

# Details

The Hex color **5C630A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110A63**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **919640**, and **2A3500** is the 20% darker color. If you saturate the color by 10%, you get **5B6300**, and if you desaturate by 10%, it is **5D6314**.

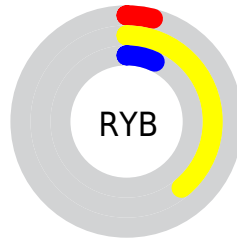
# Distribution



Red (36%)

Green (39%)

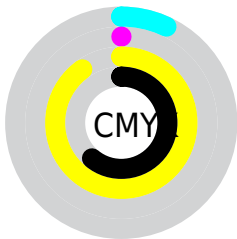
Blue (4%)



Red (4%)

Yellow (39%)

Blue (7%)

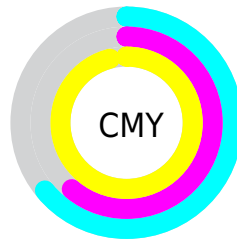


Cyan (7%)

Magenta (0%)

Yellow (90%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C630A 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 5C630A by changing the saturation by 10% instead.



 5C630A

 5C630A


FFFFFFD

 434B00

 919640

 2A3500

 ACB059

 112000

 C9CC73

 000000

 E5E88D

 FFFFA8

 FFFFC4

 FFFFEO

 5C630A

 5C630A

■ 5B6300

■ 5D6314

■ 5E631E

■ 5E6328

■ 5F6332

■ 60633C

■ 616345

■ 61634F

■ 626359

■ 636363

# Harmonies

## Analogous

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



7E570C



5C630A



2E6B28

# Triad

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



5C630A



006E95



9A3C6F

# Complementary

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



5C630A



110A63

# 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.



7B4A91



5C630A



0067A7

# Square

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



5C630A



007074



3E5BA6



A23B4A

# Rectangle

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



5C630A



006E40



3E5BA6



92407C



# Sweetspot

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



5C630A



7D805D



63100A



3E402B



BFBFBF



404040



# Same Dimension

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



5C630A



758000



31630A



30302C



677000



DDF000



# Inverse Universe

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



110A63



0A0080



3C0A63



2C2C30



090070



1300F0



# Previews

## White Background



This preview shows how the Hex color 5C630A 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

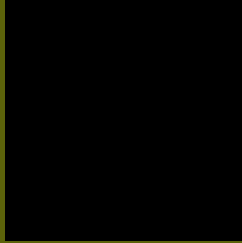
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C630A Background



This preview shows how black text looks on a background with the Hex color 5C630A.



This preview shows how white text looks on a background with the Hex color 5C630A.

# 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**  
5C630A

**Protanopia**  
6A5E08

**Deuteranopia**  
775912



**Tritanopia**  
635C63

# Trichromacy



**Original Color**  
5C630A

**Protanomaly**  
656009

**Deuteranomaly**  
6D5D0F

**Tritanomaly**  
605F43

# Monochromacy



**Original Color**  
5C630A

**Achromatopsia**  
575757

**Achromatomaly**  
595B3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C630A 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 #5C630A looks like.

```
.text, #text, p{  
    color:#5C630A  
}
```

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 #5C630A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C630A
}
```

## Border

The CSS property to change the border of an element to Hex 5C630A 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
#5C630A }
```

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

```
.border{ border-color:#5C630A }
```

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

Here you see how a box with a 4 pixel #5C630A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C630A; -webkit-box-shadow:4px 4px  
4px 4px #5C630A; box-shadow:4px 4px 4px  
4px #5C630A }
```

# Background

The CSS property to change the background color of an element to Hex 5C630A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C630A }
```

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

```
.background{ background-color:#5C630A }
```

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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