

# Converting Colors

Hex(5C6A35)

Have a look what the booklet for  
Hex(5C6A35) contains.

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**Color**

**Hex(5C6A35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C6A35
RGB	92, 106, 53
RGB Percent	36%, 42%, 21%
CMY	0.6392, 0.5843, 0.7922
CMYK	0.13, 0.00, 0.50, 0.58
HSL	76°, 33%, 31%
HSV	76°, 50%, 42%
XYZ	10.2103, 12.8404, 5.3085
YIQ	95.7720, 8.6690, -19.4510

# Conversions

## Conversions Part 2

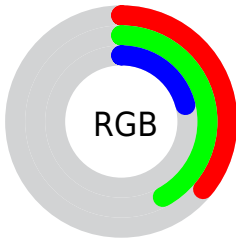
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 106, 67
Decimal	6056501
CIELab	42.52, -14.56, 27.84
CIElCh	43, 31.416, 117.618
Yxy	12.8404, 0.3600, 0.4528
Android (android.graphics.Color)	4284246581 (0xFF5C6A35)
YUV	95.7720, -21.0866, -3.3080
Hunter-Lab	35.8335, -11.8476, 16.3001

# Details

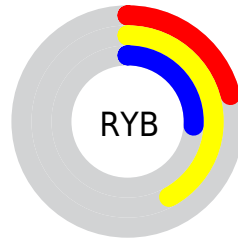
The Hex color **5C6A35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43356A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8F9D65**, and **2C3B07** is the 20% darker color. If you saturate the color by 10%, you get **596A2A**, and if you desaturate by 10%, it is **5F6A40**.

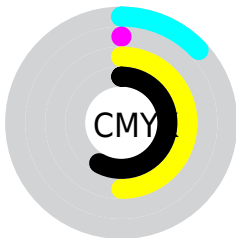
# Distribution



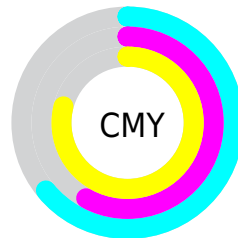
- Red (36%)
- Green (42%)
- Blue (21%)



- Red (21%)
- Yellow (42%)
- Blue (26%)



- Cyan (13%)
- Magenta (0%)
- Yellow (50%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6A35 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 5C6A35 by changing the saturation by 10% instead.



 5C6A35

 5C6A35

FFFFFF

 44521E

 8F9D65

 2C3B07

 AAB87E

 172500

 C6D499

 001000

 E2F0B4

 000000

 FFFFCF

 FFFFEC

 5C6A35

 5C6A35

 596A2A

 5F6A40

■ 566A20

■ 626A4A

■ 546A15

■ 646A55

■ 516A0B

■ 676A5F

■ 4E6A00

■ 6A6A6A

■ 6D6A75

■ 706A7F

■ 726A8A

■ 756A94

# Harmonies

## Analogous

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



766230



5C6A35



3C6F48

# Triad

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



5C6A35



006E90



934F68

# Complementary

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



5C6A35



43356A

# 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.



835581



5C6A35



346898

# Square

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



5C6A35



00717C



635E92



95514E

# Rectangle

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



5C6A35



1F7158



635E92



8F5070



# Sweetspot

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



5C6A35



848A75



6A4235



424538



C4C4C4



454545



# Same Dimension

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



5C6A35



748A37



426A35



343630



567500



B4F500



# Inverse Universe

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



43356A



4D378A



5D356A



323036



1F0075



4100F5



# Previews

## White Background



This preview shows how the Hex color 5C6A35 looks on a white background.

## Color Contrast Check

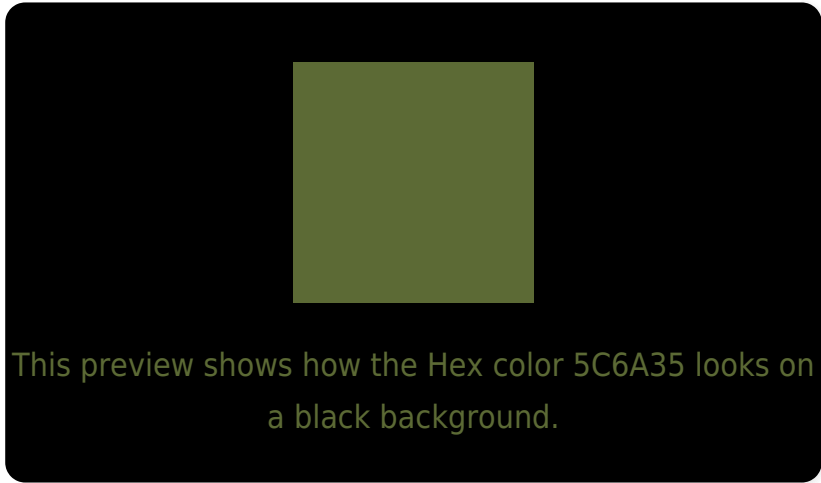
Large Text (above 18pt) WCAG AA ✓ Pass

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

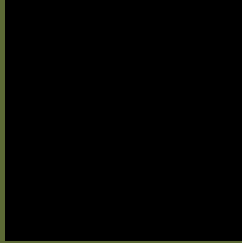
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C6A35 Background



This preview shows how black text looks on a background with the Hex color 5C6A35.



This preview shows how white text looks on a background with the Hex color 5C6A35.

# 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**  
5C6A35

**Protanopia**  
6F6433

**Deuteranopia**  
7A6038



**Tritanopia**  
63646C

# Trichromacy



**Original Color**  
5C6A35

**Protanomaly**  
686634

**Deuteranomaly**  
6F6437

**Tritanomaly**  
606658

# Monochromacy



**Original Color**  
5C6A35

**Achromatopsia**  
606060

**Achromatomaly**  
5F6450

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6A35 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 #5C6A35 looks like.

```
.text, #text, p{  
    color:#5C6A35  
}
```

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 #5C6A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6A35
}
```

## Border

The CSS property to change the border of an element to Hex 5C6A35 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
#5C6A35 }
```

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

```
.border{ border-color:#5C6A35 }
```

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

Here you see how a box with a 4 pixel #5C6A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6A35; -webkit-box-shadow:4px 4px  
4px 4px #5C6A35; box-shadow:4px 4px 4px  
4px #5C6A35 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6A35 }
```

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

```
.background{ background-color:#5C6A35 }
```

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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