

# Converting Colors

Hex(5D5941)

Have a look what the booklet for  
Hex(5D5941) contains.

<b>Hex(5D5941)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5D5941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D5941
RGB	93, 89, 65
RGB Percent	36%, 35%, 25%
CMY	0.6353, 0.6510, 0.7451
CMYK	0.00, 0.04, 0.30, 0.64
HSL	51°, 18%, 31%
HSV	51°, 30%, 36%
XYZ	9.0407, 9.8536, 6.4265
YIQ	87.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

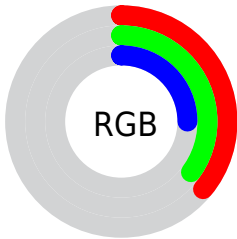
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 93, 65
Decimal	6117697
CIE Lab	37.58, -2.70, 14.51
CIE LCh	38, 14.756, 100.548
Yxy	9.8536, 0.3570, 0.3892
Android (android.graphics.Color)	4284307777 (0xFF5D5941)
YUV	87.4600, -11.0728, 4.8586
Hunter-Lab	31.3904, -3.5236, 9.8350

# Details

The Hex color **5D5941** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41455D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **908B71**, and **2E2C16** is the 20% darker color. If you saturate the color by 10%, you get **5D5838**, and if you desaturate by 10%, it is **5D5A4A**.

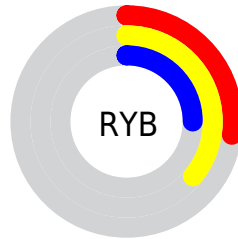
# Distribution



Red (36%)

Green (35%)

Blue (25%)



Red (27%)

Yellow (36%)

Blue (25%)

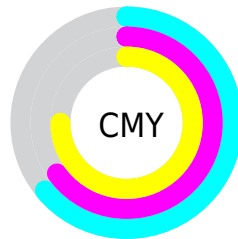


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (64%)



Cyan (64%)

Magenta (65%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5941 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 5D5941 by changing the saturation by 10% instead.





5D5941



5D5941

FFFFFF



45422B



908B71



2E2C16



AAA58B



1B1700



C6C0A5



000000



E2DCC0



FFF9DC



FFFFF8



5D5941



5D5941



5D5838



5D5A4A

 5D562E

 5D5C54

 5D5525

 5D5D5D

 5D541C

 5D5E66

 5D5212

 5D6070

 5D5109

 5D6179

 5D5000

 5D6282

 5D648B

 5D6595

# Harmonies

## Analogous

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



685542



5D5941



505C46

# Triad

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



5D5941



375E67



6B5161

# Complementary

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



5D5941



41455D

# 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.



60546B



5D5941



405C6F

# Square

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



5D5941



385F5C



505870



715055

# Rectangle

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



5D5941



475E4C



505870



685264



# Sweetspot

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



5D5941



78766D



5D4145



3D3C36



BDBDBD



3D3D3D



# Same Dimension

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



5D5941



78724D



535D41



2E2D29



6E5E00



EDCB00



# Inverse Universe

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



41455D



4D5378



4B415D



292A2E



00106E



0022ED



# Previews

## White Background



This preview shows how the Hex color 5D5941 looks on a white background.

## Color Contrast Check

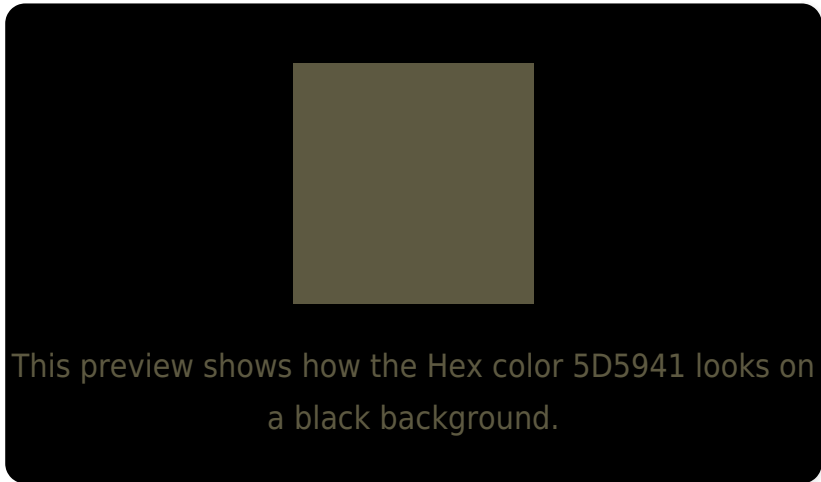
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

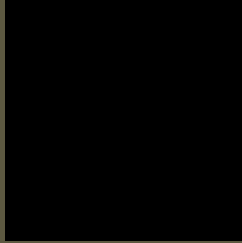
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5941 Background



This preview shows how black text looks on a background with the Hex color 5D5941.

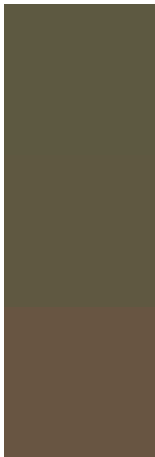


This preview shows how white text looks on a background with the Hex color 5D5941.

# 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](#).

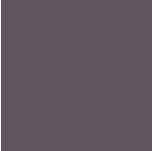
## Dichromacy



**Original Color**  
5D5941

**Protanopia**  
5F5841

**Deuteranopia**  
685542



**Tritanopia**  
60555C

# Trichromacy



**Original Color**  
5D5941

**Protanomaly**  
5E5841

**Deuteranomaly**  
645642

**Tritanomaly**  
5F5652

# Monochromacy



**Original Color**  
5D5941

**Achromatopsia**  
575757

**Achromatomaly**  
59584F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5941 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 #5D5941 looks like.

```
.text, #text, p{  
    color:#5D5941  
}
```

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 #5D5941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5941
}
```

## Border

The CSS property to change the border of an element to Hex 5D5941 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
#5D5941 }
```

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

```
.border{ border-color:#5D5941 }
```

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

Here you see how a box with a 4 pixel #5D5941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5941; -webkit-box-shadow:4px 4px  
4px 4px #5D5941; box-shadow:4px 4px 4px  
4px #5D5941 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5941 }
```

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

```
.background{ background-color:#5D5941 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor