

# Converting Colors

Hex(5D4941)

Have a look what the booklet for  
Hex(5D4941) contains.

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# Color

**Hex(5D4941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D4941
RGB	93, 73, 65
RGB Percent	36%, 29%, 25%
CMY	0.6353, 0.7137, 0.7451
CMYK	0.00, 0.22, 0.30, 0.64
HSL	17°, 18%, 31%
HSV	17°, 30%, 36%
XYZ	7.8509, 7.4739, 6.0298
YIQ	78.0680, 14.4880, 1.7520

# Conversions

## Conversions Part 2

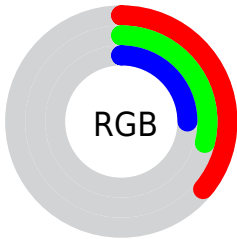
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 76, 65
Decimal	6113601
CIELab	32.86, 7.14, 8.01
CIElCh	33, 10.731, 48.296
Yxy	7.4739, 0.3676, 0.3500
Android (android.graphics.Color)	4284303681 (0xFF5D4941)
YUV	78.0680, -6.4425, 13.0954
Hunter-Lab	27.3384, 3.4183, 6.0597

# Details

The Hex color **5D4941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41555D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **907A71**, and **2E1D16** is the 20% darker color. If you saturate the color by 10%, you get **5D4238**, and if you desaturate by 10%, it is **5D504A**.

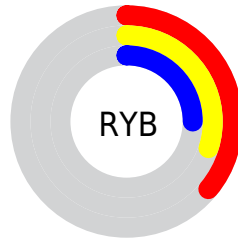
# Distribution



Red (36%)

Green (29%)

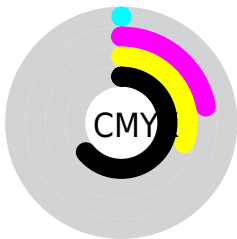
Blue (25%)



Red (36%)

Yellow (30%)

Blue (25%)

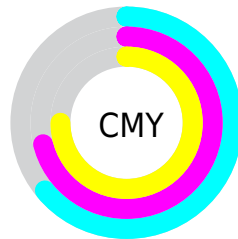


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (64%)



Cyan (64%)

Magenta (71%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4941 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 5D4941 by changing the saturation by 10% instead.



 5D4941

 5D4941

FFFFFF

 45322B

 907A71

 2E1D16

 AB938A

 1A0400

 C6AEA5

 000000

 E2C9C0

 FFE5DB

 FFFFF8

 5D4941

 5D4941

 5D4238

 5D504A

 5D3C2E

 5D5654

 5D3525

 5D5D5D

 5D2E1C

 5D6466

 5D2812

 5D6A70

 5D2109

 5D7179

 5D1B00

 5D7782

 5D7E8B

 5D8595

# Harmonies

## Analogous

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



5F4748



5D4941



574C3D

# Triad

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



5D4941



3C524A



4A4C5D

# Complementary

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



5D4941



41555D

# 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.



404F5E



5D4941



375252

# Square

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



5D4941



455142



38515A



554959

# Rectangle

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



5D4941



514D3D



38515A



474D5E



# Sweetspot

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



5D4941



78706D



5D4155



3D3836



BDBDBD



3D3D3D



# Same Dimension

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



5D4941



78594D



5D5741



2E2B29



6E1F00



ED4400



# Inverse Universe

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



41555D



4D6C78



41475D



292D2E



004E6E



00A9ED



# Previews

## White Background



This preview shows how the Hex color 5D4941 looks on a white background.

## Color Contrast Check

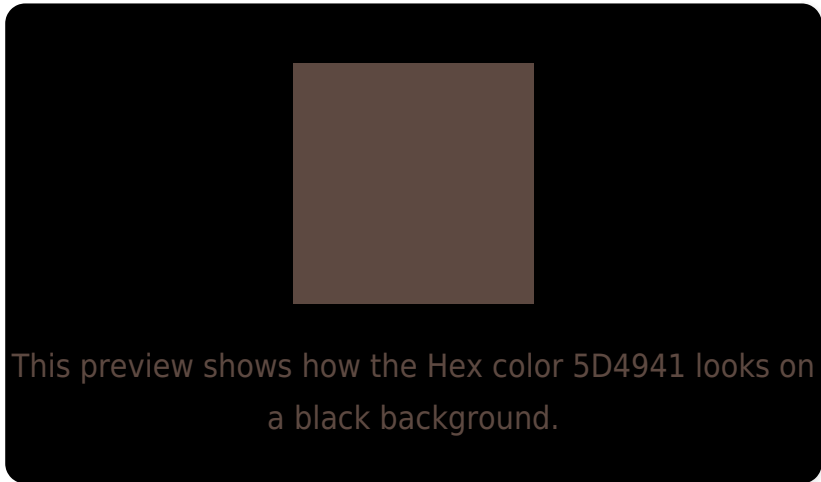
Large Text (above 18pt) WCAG AA ✓ Pass

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

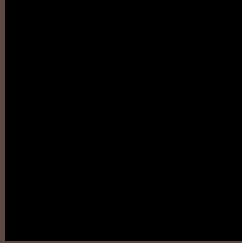
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D4941 Background



This preview shows how black text looks on a background with the Hex color 5D4941.



This preview shows how white text looks on a background with the Hex color 5D4941.

# 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**  
5D4941

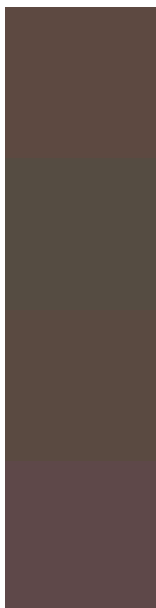
**Protanopia**  
514D43

**Deuteranopia**  
594A41



**Tritanopia**  
5E474D

# Trichromacy



**Original Color**

5D4941

**Protanomaly**

554C42

**Deuteranomaly**

5A4A41

**Tritanomaly**

5E4849

# Monochromacy



**Original Color**

5D4941

**Achromatopsia**

4E4E4E

**Achromatomaly**

534C49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4941 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 #5D4941 looks like.

```
.text, #text, p{  
    color:#5D4941  
}
```

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 #5D4941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4941
}
```

## Border

The CSS property to change the border of an element to Hex 5D4941 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".

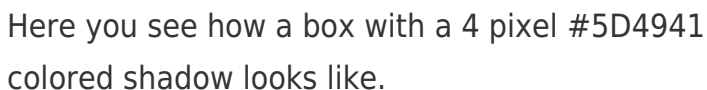
```
.border, #border, table{ border:4px solid
#5D4941 }
```

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

```
.border{ border-color:#5D4941 }
```

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

Here you see how a box with a 4 pixel #5D4941 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4941; -webkit-box-shadow:4px 4px  
4px 4px #5D4941; box-shadow:4px 4px 4px  
4px #5D4941 }
```

# Background

The CSS property to change the background color of an element to Hex 5D4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4941 }
```

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

```
.background{ background-color:#5D4941 }
```

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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