

# Converting Colors

Hex(4F5D35)

Have a look what the booklet for  
Hex(4F5D35) contains.

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# Color

Hex(4F5D35)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F5D35
RGB	79, 93, 53
RGB Percent	31%, 36%, 21%
CMY	0.6902, 0.6353, 0.7922
CMYK	0.15, 0.00, 0.43, 0.64
HSL	81°, 27%, 29%
HSV	81°, 43%, 36%
XYZ	7.7814, 9.7480, 4.8396
YIQ	84.2540, 4.4960, -15.4080

# Conversions

## Conversions Part 2

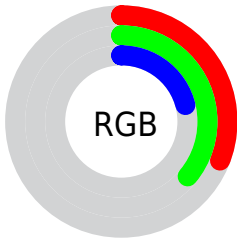
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 93, 67
Decimal	5201205
CIELab	37.39, -13.01, 21.20
CIELCh	37, 24.871, 121.527
Yxy	9.7480, 0.3479, 0.4358
Android (android.graphics.Color)	4283391285 (0xFF4F5D35)
YUV	84.2540, -15.4082, -4.6078
Hunter-Lab	31.2218, -10.1506, 12.6649

# Details

The Hex color **4F5D35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43355D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **818F64**, and **212F08** is the 20% darker color. If you saturate the color by 10%, you get **4C5D2C**, and if you desaturate by 10%, it is **525D3E**.

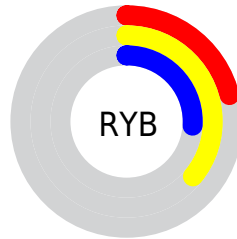
# Distribution



Red (31%)

Green (36%)

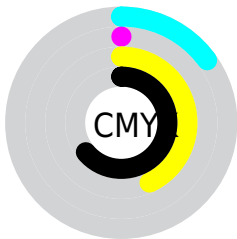
Blue (21%)



Red (21%)

Yellow (36%)

Blue (26%)

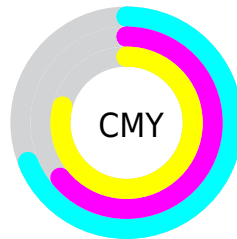


Cyan (15%)

Magenta (0%)

Yellow (43%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5D35 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 4F5D35 by changing the saturation by 10% instead.




 4F5D35

 4F5D35

FFFFFF

 38451F

 818F64

 212F08

 9BAA7D

 081B00

 B6C598

 000000

 D2E1B2

 EEFECE

 FFFFEA

 4F5D35

 4F5D35

 4C5D2C

 525D3E

■ 485D22

■ 565D48

■ 455D19

■ 595D51

■ 425D10

■ 5C5D5A

■ 3F5D07

■ 5F5D63

■ 3C5D00

■ 635D6D

■ 665D76

■ 695D7F

■ 6C5D89

# Harmonies

## Analogous

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



64572F



4F5D35



376144

# Triad

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



4F5D35



125F7B



7D4858

# Complementary

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



4F5D35



43355D

# 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.



724C6B



4F5D35



3C5A80

# Square

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



4F5D35



00626C



5B527A



7E4A44

# Rectangle

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



4F5D35



236251



5B527A



7B495F



# Sweetspot

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



4F5D35



727868



5D4335



3A3D33



BDBDBD



3D3D3D



# Same Dimension

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



4F5D35



62783A



3C5D35



2C2E29



476E00



9AED00



# Inverse Universe

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



43355D



4F3A78



57355D



2B292E



26006E

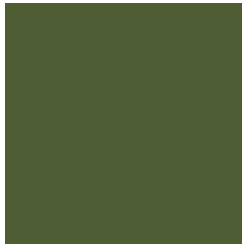


5300ED



# Previews

## White Background



This preview shows how the Hex color 4F5D35 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

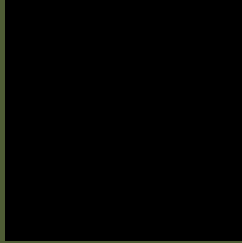
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

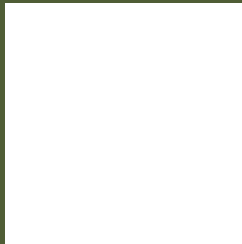
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F5D35 Background



This preview shows how black text looks on a background with the Hex color 4F5D35.



This preview shows how white text looks on a background with the Hex color 4F5D35.

# 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](#).

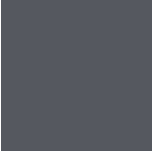
## Dichromacy



**Original Color**  
4F5D35

**Protanopia**  
605833

**Deuteranopia**  
6A5437



**Tritanopia**  
55585F

# Trichromacy



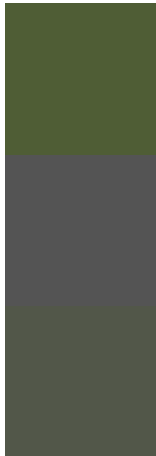
**Original Color**  
4F5D35

**Protanomaly**  
5A5A34

**Deuteranomaly**  
605736

**Tritanomaly**  
535A50

# Monochromacy



**Original Color**  
4F5D35

**Achromatopsia**  
545454

**Achromatomaly**  
525749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5D35 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 #4F5D35 looks like.

```
.text, #text, p{  
    color:#4F5D35  
}
```

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 #4F5D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5D35
}
```

## Border

The CSS property to change the border of an element to Hex 4F5D35 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".

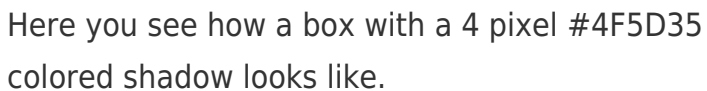
```
.border, #border, table{ border:4px solid
#4F5D35 }
```

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

```
.border{ border-color:#4F5D35 }
```

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

Here you see how a box with a 4 pixel #4F5D35 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5D35; -webkit-box-shadow:4px 4px  
4px 4px #4F5D35; box-shadow:4px 4px 4px  
4px #4F5D35 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5D35 }
```

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

```
.background{ background-color:#4F5D35 }
```

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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