

# Converting Colors

Hex(4F4F35)

Have a look what the booklet for  
Hex(4F4F35) contains.

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# Color

Hex(4F4F35)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F4F35
RGB	79, 79, 53
RGB Percent	31%, 31%, 21%
CMY	0.6902, 0.6902, 0.7922
CMYK	0.00, 0.00, 0.33, 0.69
HSL	60°, 20%, 26%
HSV	60°, 33%, 31%
XYZ	6.6630, 7.5113, 4.4668
YIQ	76.0360, 8.3460, -8.0860

# Conversions

## Conversions Part 2

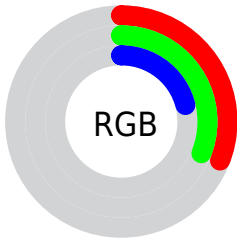
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 79, 53
Decimal	5197621
CIE <sub>Lab</sub>	32.94, -4.80, 15.41
CIE <sub>LCh</sub>	33, 16.138, 107.300
Yxy	7.5113, 0.3574, 0.4029
Android (android.graphics.Color)	4283387701 (0xFF4F4F35)
YUV	76.0360, -11.3567, 2.5994
Hunter-Lab	27.4067, -4.5653, 9.5215

# Details

The Hex color **4F4F35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35354F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **818064**, and **222309** is the 20% darker color. If you saturate the color by 10%, you get **4F4F2D**, and if you desaturate by 10%, it is **4F4F3D**.

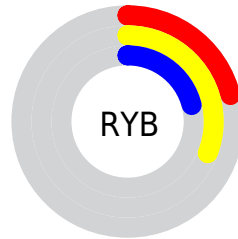
# Distribution



 Red (31%)

 Green (31%)

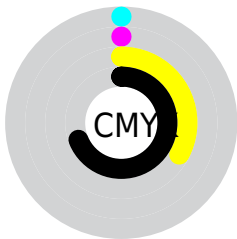
 Blue (21%)



 Red (21%)

 Yellow (31%)

 Blue (21%)

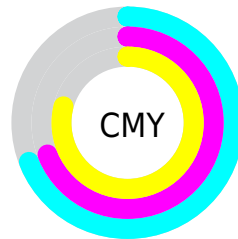


 Cyan (0%)

 Magenta (0%)

 Yellow (33%)

 Black (69%)



 Cyan (69%)

 Magenta (69%)

 Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4F35 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 4F4F35 by changing the saturation by 10% instead.



 4F4F35

 4F4F35

FFFFFF

 38381F

 818064

 222309

 9B9A7D

 040E00

 B6B597

 000000

 D1D0B2

 EEEDCD

 FFFFE9

 4F4F35

 4F4F35

 4F4F2D

 4F4F3D

 4F4F25

 4F4F45

 4F4F1D

 4F4F4D

 4F4F15

 4F4F55

 4F4F0E

 4F4F5D

 4F4F06

 4F4F64

 4F4F00

 4F4F6C

 4F4F74

 4F4F7C

# Harmonies

## Analogous

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



5B4B35



4F4F35



41523C

# Triad

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



4F4F35



285360



634553

# Complementary

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



4F4F35



35354F

# 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.



58485F



4F4F35



365066

# Square

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



4F4F35



275555



484C66



674446

# Rectangle

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



4F4F35



375443



484C66



604558



# Sweetspot

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



4F4F35



66665C



4F3535



33332D



B3B3B3



333333



# Same Dimension

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



4F4F35



66663E



424F35



262622



666600



E6E600



# Inverse Universe

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



35354F



3E3E66



42354F



222226



000066



0000E6



# Previews

## White Background



This preview shows how the Hex color 4F4F35 looks on a white background.

## Color Contrast Check

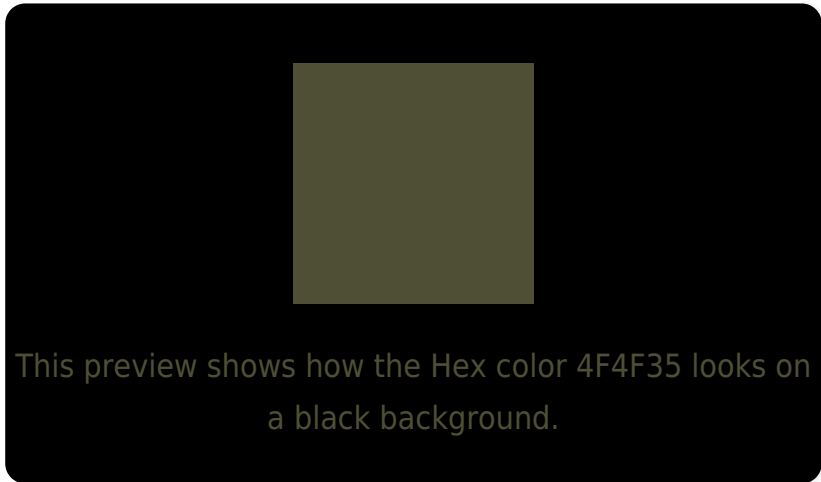
Large Text (above 18pt) WCAG AA ✓ Pass

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

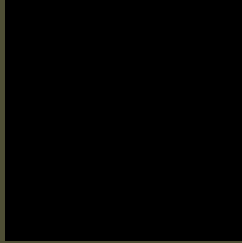
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

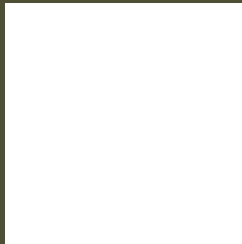
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F4F35 Background



This preview shows how black text looks on a background with the Hex color 4F4F35.



This preview shows how white text looks on a background with the Hex color 4F4F35.

# 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**  
4F4F35

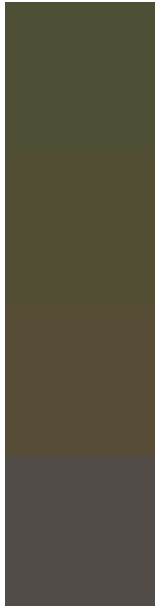
**Protanopia**  
544D34

**Deuteranopia**  
5C4A36



**Tritanopia**  
524B51

# Trichromacy



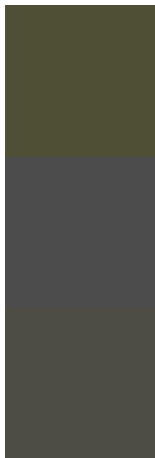
**Original Color**  
4F4F35

**Protanomaly**  
524E34

**Deuteranomaly**  
574C36

**Tritanomaly**  
514C47

# Monochromacy



**Original Color**  
4F4F35

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4D4D44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4F35 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 #4F4F35 looks like.

```
.text, #text, p{  
    color:#4F4F35  
}
```

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 #4F4F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4F35
}
```

## Border

The CSS property to change the border of an element to Hex 4F4F35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

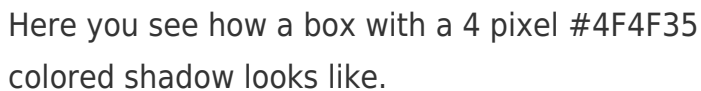
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4F35 }
```

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

```
.border{ border-color:#4F4F35 }
```

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



Here you see how a box with a 4 pixel #4F4F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4F35; -webkit-box-shadow:4px 4px  
4px 4px #4F4F35; box-shadow:4px 4px 4px  
4px #4F4F35 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4F35 }
```

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

```
.background{ background-color:#4F4F35 }
```

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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