

Converting Colors

Hex(4F5B46)

Have a look what the booklet for
Hex(4F5B46) contains.

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Color

Hex(4F5B46)

Conversions

Conversions Part 1

Format	Color
Hex	4F5B46
RGB	79, 91, 70
RGB Percent	31%, 36%, 27%
CMY	0.6902, 0.6431, 0.7255
CMYK	0.13, 0.00, 0.23, 0.64
HSL	94°, 13%, 32%
HSV	94°, 23%, 36%
XYZ	8.0710, 9.5866, 7.2194
YIQ	85.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

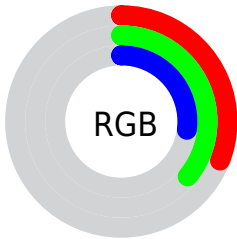
Format	Color
R_YB	70, 91, 82
Decimal	5200710
CIE Lab	37.09, -9.07, 10.59
CIE LCh	37, 13.938, 130.582
Yxy	9.5866, 0.3244, 0.3854
Android (android.graphics.Color)	4283390790 (0xFF4F5B46)
YUV	85.0180, -7.4039, -5.2778
Hunter-Lab	30.9623, -7.6539, 7.8492

Details

The Hex color **4F5B46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52465B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **808D76**, and **222D1B** is the 20% darker color. If you saturate the color by 10%, you get **4A5B3D**, and if you desaturate by 10%, it is **545B4F**.

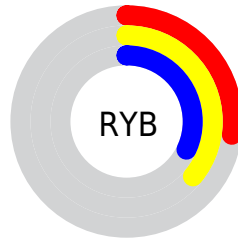
Distribution



Red (31%)

Green (36%)

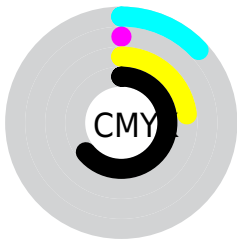
Blue (27%)



Red (27%)

Yellow (36%)

Blue (32%)

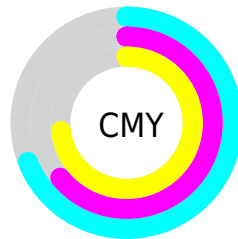


Cyan (13%)

Magenta (0%)

Yellow (23%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5B46 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 4F5B46 by changing the saturation by 10% instead.



4F5B46



4F5B46

FFFFFF



384430



808D76



222D1B



9AA890



0E1900



B5C3AB



000000



D1DFC6



EDFBE2



4F5B46



4F5B46



4A5B3D



545B4F



455B34



595B58

■ 3F5B2B

■ 5F5B61

■ 3A5B22

■ 645B6A

■ 355B19

■ 695B74

■ 305B0F

■ 6E5B7D

■ 2B5B06

■ 735B86

■ 275B00

■ 795B8F

■ 7E5B98

Harmonies

Analogous

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



5C5841



4F5B46



435D4F

Triad

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



4F5B46



415A6C



6E4F54

Complementary

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



4F5B46



52465B

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.



69505F



4F5B46



4F576D

Square

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



4F5B46



385D65



5E5368



6D5149

Rectangle

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



4F5B46



3C5E57



5E5368



6D4F57

Sweetspot

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



4F5B46



71756D



5B5246



383B36



BABABA



3B3B3B

Same Dimension

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



4F5B46



637554



465B47



2B2E29



2F6E00



66ED00

Inverse Universe

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



52465B



675475



5B465A



2C292E



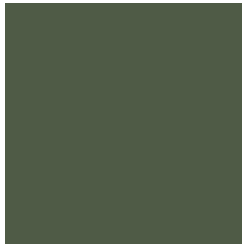
3F006E



8800ED

Previews

White Background



This preview shows how the Hex color 4F5B46 looks on a white background.

Color Contrast Check

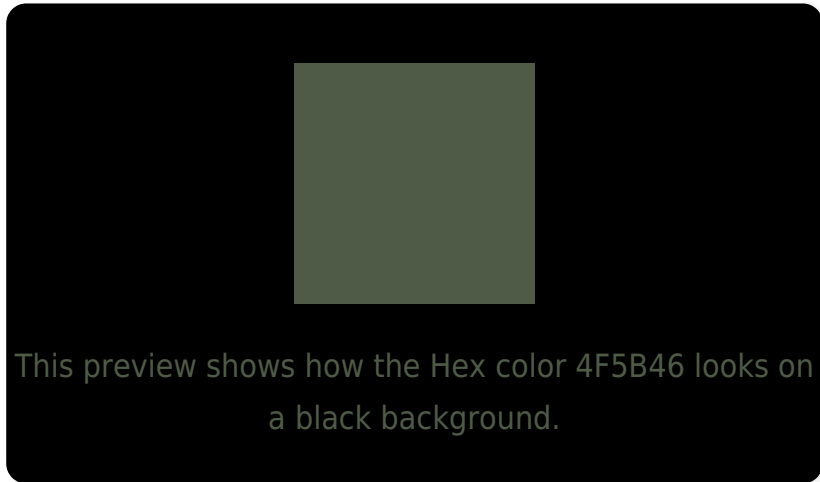
Large Text (above 18pt) WCAG AA ✓ Pass

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

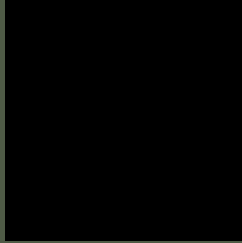
Any Text WCAG AA × Fail

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 4F5B46 Background



This preview shows how black text looks on a background with the Hex color 4F5B46.



This preview shows how white text looks on a background with the Hex color 4F5B46.

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
4F5B46

Protanopia
5D5744

Deuteranopia
655448



Tritanopia
53585F

Trichromacy



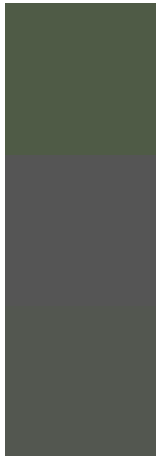
Original Color
4F5B46

Protanomaly
585845

Deuteranomaly
5D5747

Tritanomaly
525956

Monochromacy



Original Color
4F5B46

Achromatopsia
555555

Achromatomaly
535750

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5B46 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 #4F5B46 looks like.

```
.text, #text, p{  
    color:#4F5B46  
}
```

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 #4F5B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5B46
}
```

Border

The CSS property to change the border of an element to Hex 4F5B46 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
#4F5B46 }
```

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

```
.border{ border-color:#4F5B46 }
```

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

Here you see how a box with a 4 pixel #4F5B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5B46; -webkit-box-shadow:4px 4px  
4px 4px #4F5B46; box-shadow:4px 4px 4px  
4px #4F5B46 }
```

Background

The CSS property to change the background color of an element to Hex 4F5B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5B46 }
```

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

```
.background{ background-color:#4F5B46 }
```

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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