

# Converting Colors

Hex(4F5229)

Have a look what the booklet for  
Hex(4F5229) contains.

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# Color

**Hex(4F5229)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5229
RGB	79, 82, 41
RGB Percent	31%, 32%, 16%
CMY	0.6902, 0.6784, 0.8392
CMYK	0.04, 0.00, 0.50, 0.68
HSL	64°, 33%, 24%
HSV	64°, 50%, 32%
XYZ	6.6420, 7.8569, 3.2643
YIQ	76.4290, 11.3730, -13.3870

# Conversions

## Conversions Part 2

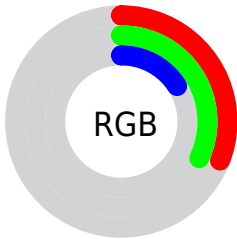
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	41, 82, 44
Decimal	5198377
CIE Lab	33.68, -8.20, 23.53
CIE LCh	34, 24.919, 109.222
Yxy	7.8569, 0.3739, 0.4423
Android (android.graphics.Color)	4283388457 (0xFF4F5229)
YUV	76.4290, -17.4665, 2.2548
Hunter-Lab	28.0302, -6.7560, 12.7165

# Details

The Hex color **4F5229** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C2952**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **818357**, and **232500** is the 20% darker color. If you saturate the color by 10%, you get **4E5221**, and if you desaturate by 10%, it is **505231**.

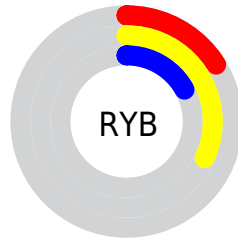
# Distribution



Red (31%)

Green (32%)

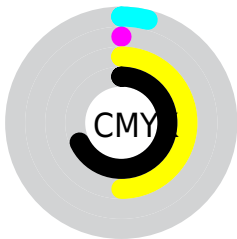
Blue (16%)



Red (16%)

Yellow (32%)

Blue (17%)

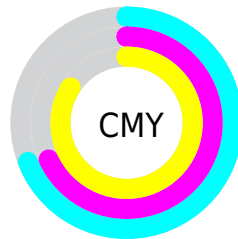


Cyan (4%)

Magenta (0%)

Yellow (50%)

Black (68%)



Cyan (69%)

Magenta (68%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5229 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 4F5229 by changing the saturation by 10% instead.





4F5229



4F5229

FFFFFF



373B13



818357



232500



9B9D70



001200



B7B88A



000000



D2D4A4



EFF0BF



FFFFDB



FFFFF8



4F5229



4F5229

■ 4E5221

■ 505231

■ 4E5219

■ 505239

■ 4D5210

■ 515242

■ 4D5208

■ 51524A

■ 4C5200

■ 525252

■ 53525A

■ 535262

■ 54526B

■ 545273

# Harmonies

## Analogous

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



624C28



4F5229



385735

# Triad

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



4F5229



00586D



714057

# Complementary

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



4F5229



2C2952

# 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.



614569



4F5229



215376

# Square

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



4F5229



00595C



464D74



754043

# Rectangle

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



4F5229



265841



464D74



6D415E



# Sweetspot

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



4F5229



6A6B5B



522C29



35362C



B5B5B5



363636



# Same Dimension

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



4F5229



666B2B



3B5229



292925



616900



D7E800



# Inverse Universe

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



2C2952



302B6B



402952



252529



080069



1100E8



# Previews

## White Background



This preview shows how the Hex color 4F5229 looks on a white background.

## Color Contrast Check

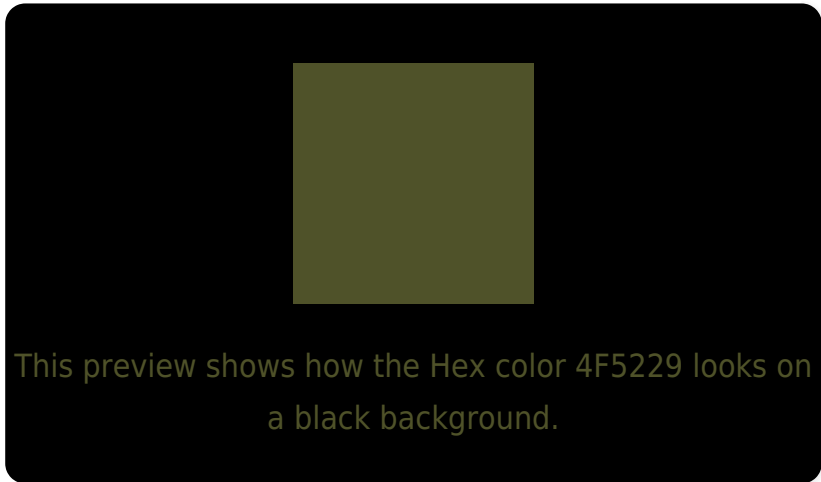
Large Text (above 18pt) WCAG AA ✓ Pass

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

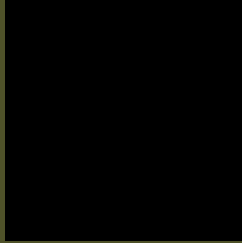
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5229 Background



This preview shows how black text looks on a background with the Hex color 4F5229.



This preview shows how white text looks on a background with the Hex color 4F5229.

# 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**  
4F5229

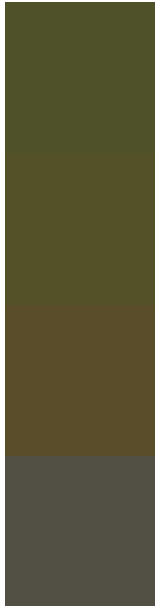
**Protanopia**  
574F28

**Deuteranopia**  
614B2B



**Tritanopia**  
544D53

# Trichromacy



**Original Color**  
4F5229

**Protanomaly**  
545028

**Deuteranomaly**  
5A4E2A

**Tritanomaly**  
524F44

# Monochromacy



**Original Color**  
4F5229

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4D4E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5229 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 #4F5229 looks like.

```
.text, #text, p{  
    color:#4F5229  
}
```

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 #4F5229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5229
}
```

## Border

The CSS property to change the border of an element to Hex 4F5229 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
#4F5229 }
```

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

```
.border{ border-color:#4F5229 }
```

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

Here you see how a box with a 4 pixel #4F5229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5229; -webkit-box-shadow:4px 4px  
4px 4px #4F5229; box-shadow:4px 4px 4px  
4px #4F5229 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5229 }
```

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

```
.background{ background-color:#4F5229 }
```

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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