

# Converting Colors

Hex(4F5E23)

Have a look what the booklet for  
Hex(4F5E23) contains.

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# Color

**Hex(4F5E23)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F5E23
RGB	79, 94, 35
RGB Percent	31%, 37%, 14%
CMY	0.6902, 0.6314, 0.8627
CMYK	0.16, 0.00, 0.63, 0.63
HSL	75°, 46%, 25%
HSV	75°, 63%, 37%
XYZ	7.5305, 9.7890, 3.0827
YIQ	82.7890, 9.9990, -21.5290

# Conversions

## Conversions Part 2

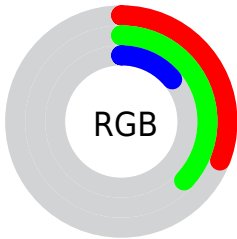
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 94, 50
Decimal	5201443
CIE Lab	37.46, -15.69, 31.22
CIE LCh	37, 34.937, 116.678
Yxy	9.7890, 0.3691, 0.4798
Android (android.graphics.Color)	4283391523 (0xFF4F5E23)
YUV	82.7890, -23.5600, -3.3230
Hunter-Lab	31.2874, -11.7900, 16.0595

# Details

The Hex color **4F5E23** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32235E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **829052**, and **213000** is the 20% darker color. If you saturate the color by 10%, you get **4D5E1A**, and if you desaturate by 10%, it is **515E2C**.

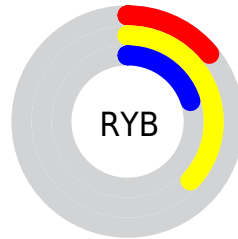
# Distribution



Red (31%)

Green (37%)

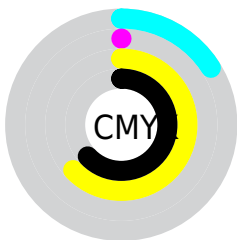
Blue (14%)



Red (14%)

Yellow (37%)

Blue (20%)

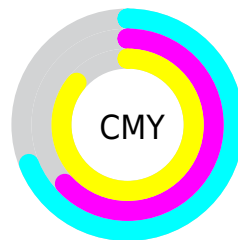


Cyan (16%)

Magenta (0%)

Yellow (63%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5E23 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 4F5E23 by changing the saturation by 10% instead.





4F5E23



4F5E23

FFFFFF



37460B



829052



213000



9CAB6B



011C00



B8C685



000000



D4E29F



F0FFBA



FFFFD6



FFFFF3



4F5E23



4F5E23

■ 4D5E1A

■ 515E2C

■ 4A5E10

■ 545E36

■ 485E07

■ 565E3F

■ 465E00

■ 595E49

■ 5B5E52

■ 5D5E5B

■ 605E65

■ 625E6E

■ 655E78

# Harmonies

## Analogous

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



6B561D



4F5E23



2B6338

# Triad

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



4F5E23



006387



8A405C

# Complementary

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



4F5E23



32235E

# 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.



784778



4F5E23



0D5C90

# Square

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



4F5E23



006671



54528B



8C4240

# Rectangle

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



4F5E23



00654A



54528B



864166



# Sweetspot

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



4F5E23



747A63



5E3223



3A3D2F



BDBDBD



3D3D3D



# Same Dimension

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



4F5E23



637A1F



325E23



2D2E29



526E00



B1ED00



# Inverse Universe

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



32235E



361F7A



4F235E



2A292E



1C006E



3C00ED



# Previews

## White Background



This preview shows how the Hex color 4F5E23 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

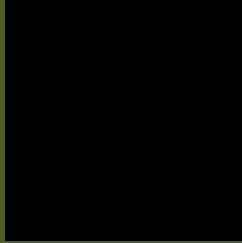
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5E23 Background



This preview shows how black text looks on a background with the Hex color 4F5E23.



This preview shows how white text looks on a background with the Hex color 4F5E23.

# 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**  
4F5E23

**Protanopia**  
625821

**Deuteranopia**  
6D5426



**Tritanopia**  
56585F

# Trichromacy



**Original Color**  
4F5E23

**Protanomaly**  
5B5A22

**Deuteranomaly**  
625825

**Tritanomaly**  
535A49

# Monochromacy



**Original Color**  
4F5E23

**Achromatopsia**  
535353

**Achromatomaly**  
525742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5E23 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 #4F5E23 looks like.

```
.text, #text, p{  
    color:#4F5E23  
}
```

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 #4F5E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5E23
}
```

## Border

The CSS property to change the border of an element to Hex 4F5E23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

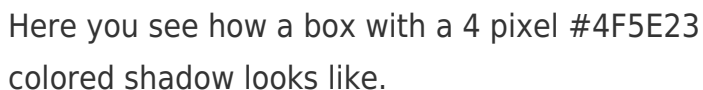
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5E23 }
```

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

```
.border{ border-color:#4F5E23 }
```

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



Here you see how a box with a 4 pixel #4F5E23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5E23; -webkit-box-shadow:4px 4px  
4px 4px #4F5E23; box-shadow:4px 4px 4px  
4px #4F5E23 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5E23 }
```

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

```
.background{ background-color:#4F5E23 }
```

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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