

# Converting Colors

Hex(4F5B00)

Have a look what the booklet for  
Hex(4F5B00) contains.

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**Color**

**Hex(4F5B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F5B00
RGB	79, 91, 0
RGB Percent	31%, 36%, 0%
CMY	0.6902, 0.6431, 1.0000
CMYK	0.13, 0.00, 1.00, 0.64
HSL	68°, 100%, 18%
HSV	68°, 100%, 36%
XYZ	6.9655, 9.1444, 1.3979
YIQ	77.0380, 22.0590, -30.8450

# Conversions

## Conversions Part 2

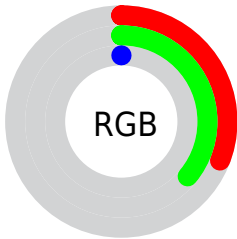
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 12
Decimal	5200640
CIELab	36.26, -16.02, 43.27
CIElCh	36, 46.145, 110.319
Yxy	9.1444, 0.3979, 0.5223
Android (android.graphics.Color)	4283390720 (0xFF4F5B00)
YUV	77.0380, -37.9797, 1.7207
Hunter-Lab	30.2398, -11.8033, 18.4270

# Details

The Hex color **4F5B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C005B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **838D38**, and **1E2D00** is the 20% darker color. If you saturate the color by 10%, you get **4F5B00**, and if you desaturate by 10%, it is **505B09**.

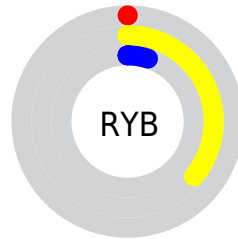
# Distribution



Red (31%)

Green (36%)

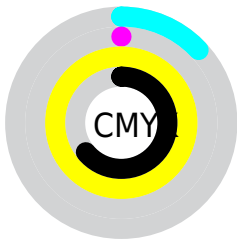
Blue (0%)



Red (0%)

Yellow (36%)

Blue (5%)

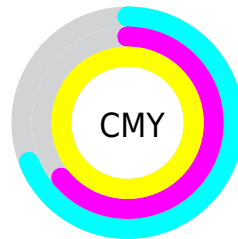


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F5B00 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 4F5B00 by changing the saturation by 10% instead.



 4F5B00

 4F5B00

 FFFFF3

 374400

 838D38

 1E2D00

 9EA751

 001A00

 BAC36A

 000000

 D6DE84


 F3FB9F

 FFFFBB

 FFFF7D

 4F5B00

 505B09

 515B12

 535B1B

 545B24

 555B2E

 565B37

 575B40

 595B49

 5A5B52

# Harmonies

## Analogous

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



714F00



4F5B00



1E6222

# Triad

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



4F5B00



00648E



913163

# Complementary

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



4F5B00



0C005B

# 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.



764085



4F5B00



005D9F

# Square

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



4F5B00



00666E



3C519B



97313E

# Rectangle

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



4F5B00



00653B



3C519B



8B356F



# Sweetspot

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



4F5B00



717552



5B0B00



383B26



BABABA



3B3B3B



# Same Dimension

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



4F5B00



667500



235B00



2D2E29



5F6E00



CEED00



# Inverse Universe

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



0C005B



0F0075



38005B



2A292E



0E006E



1F00ED



# Previews

## White Background



This preview shows how the Hex color 4F5B00 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

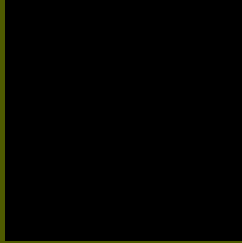
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F5B00 Background



This preview shows how black text looks on a background with the Hex color 4F5B00.



This preview shows how white text looks on a background with the Hex color 4F5B00.

# 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**  
4F5B00

**Protanopia**  
605600

**Deuteranopia**  
6C5110



**Tritanopia**  
56555B

# Trichromacy



**Original Color**  
4F5B00

**Protanomaly**  
5A5800

**Deuteranomaly**  
61550A

**Tritanomaly**  
53573A

# Monochromacy



**Original Color**  
4F5B00

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4E5231

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F5B00 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 #4F5B00 looks like.

```
.text, #text, p{  
    color:#4F5B00  
}
```

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 #4F5B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5B00
}
```

## Border

The CSS property to change the border of an element to Hex 4F5B00 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
#4F5B00 }
```

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

```
.border{ border-color:#4F5B00 }
```

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

Here you see how a box with a 4 pixel #4F5B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5B00; -webkit-box-shadow:4px 4px  
4px 4px #4F5B00; box-shadow:4px 4px 4px  
4px #4F5B00 }
```

# Background

The CSS property to change the background color of an element to Hex 4F5B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5B00 }
```

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

```
.background{ background-color:#4F5B00 }
```

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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