

# Converting Colors

Hex(4F2D07)

Have a look what the booklet for  
Hex(4F2D07) contains.

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**Color**

**Hex(4F2D07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F2D07
RGB	79, 45, 7
RGB Percent	31%, 18%, 3%
CMY	0.6902, 0.8235, 0.9725
CMYK	0.00, 0.43, 0.91, 0.69
HSL	32°, 84%, 17%
HSV	32°, 91%, 31%
XYZ	4.2012, 3.5544, 0.6656
YIQ	50.8340, 32.4620, -4.6100

# Conversions

## Conversions Part 2

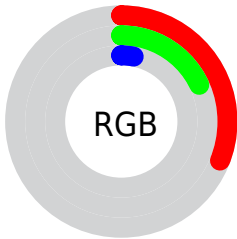
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 79, 7
Decimal	5188871
CIELab	22.14, 12.39, 28.65
CIElCh	22, 31.215, 66.614
Yxy	3.5544, 0.4989, 0.4221
Android (android.graphics.Color)	4283378951 (0xFF4F2D07)
YUV	50.8340, -21.6102, 24.7016
Hunter-Lab	18.8531, 6.7838, 11.1038

# Details

The Hex color **4F2D07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **07294F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **845B34**, and **1F0000** is the 20% darker color. If you saturate the color by 10%, you get **4F2A00**, and if you desaturate by 10%, it is **4F310F**.

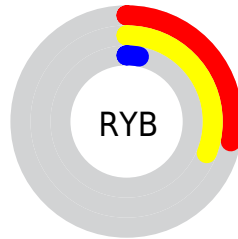
# Distribution



Red (31%)

Green (18%)

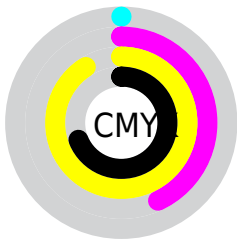
Blue (3%)



Red (28%)

Yellow (31%)

Blue (3%)

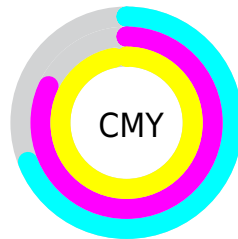


Cyan (0%)

Magenta (43%)

Yellow (91%)

Black (69%)



Cyan (69%)

Magenta (82%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2D07 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 4F2D07 by changing the saturation by 10% instead.



 4F2D07

 4F2D07

 FFFFEA

 361800

 845B34

 1F0000

 9F734C

 000000

 BB8D64

 D8A77D

 F5C397

 FFDFB2

 FFFBCE

 4F2D07

 4F2D07

■ 4F2A00

■ 4F310F

■ 4F3417

■ 4F381F

■ 4F3C27

■ 4F402F

■ 4F4336

■ 4F473E

■ 4F4B46

■ 4F4F4E

# Harmonies

## Analogous

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



5B231B



4F2D07



3C3600

# Triad

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



4F2D07



00403A



3C2D5A

# Complementary

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



4F2D07



07294F

# 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.



023663



4F2D07



003F50

# Square

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



4F2D07



003F22



003C5F



552248

# Rectangle

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



4F2D07



2C3A06



003C5F



30305F



# Sweetspot

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



4F2D07



66594A



4F072A



332B23



B3B3B3



333333



# Same Dimension

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



4F2D07



663600



4E4F07



262422



E67900

# Inverse Universe

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



07294F



003066



08074F



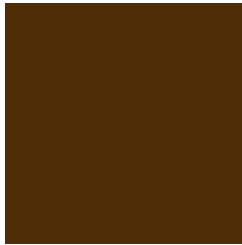
222426



006CE6

# Previews

## White Background



This preview shows how the Hex color 4F2D07 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

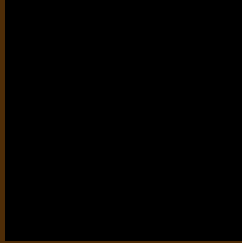
Any Text WCAG AA × Fail

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 4F2D07 Background



This preview shows how black text looks on a background with the Hex color 4F2D07.



This preview shows how white text looks on a background with the Hex color 4F2D07.

# 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**  
4F2D07

**Protanopia**  
3C360A

**Deuteranopia**  
443300





# Trichromacy



**Original Color**  
4F2D07

**Protanomaly**  
433309

**Deuteranomaly**  
483103

**Tritanomaly**  
502B1F

# Monochromacy



**Original Color**  
4F2D07

**Achromatopsia**  
333333

**Achromatomaly**  
3D3123

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2D07 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 #4F2D07 looks like.

```
.text, #text, p{  
    color:#4F2D07  
}
```

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 #4F2D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2D07
}
```

## Border

The CSS property to change the border of an element to Hex 4F2D07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

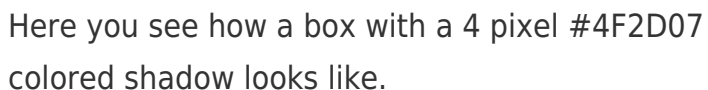
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2D07 }
```

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

```
.border{ border-color:#4F2D07 }
```

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



Here you see how a box with a 4 pixel #4F2D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2D07; -webkit-box-shadow:4px 4px  
4px 4px #4F2D07; box-shadow:4px 4px 4px  
4px #4F2D07 }
```

# Background

The CSS property to change the background color of an element to Hex 4F2D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2D07 }
```

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

```
.background{ background-color:#4F2D07 }
```

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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