

# Converting Colors

Hex(4F2919)

Have a look what the booklet for  
Hex(4F2919) contains.

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# Color

**Hex(4F2919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F2919
RGB	79, 41, 25
RGB Percent	31%, 16%, 10%
CMY	0.6902, 0.8392, 0.9020
CMYK	0.00, 0.48, 0.68, 0.69
HSL	18°, 52%, 20%
HSV	18°, 68%, 31%
XYZ	4.1929, 3.3183, 1.3392
YIQ	50.5380, 27.7840, 3.0800

# Conversions

## Conversions Part 2

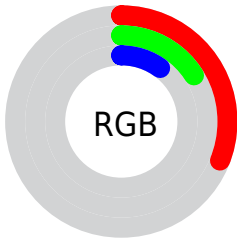
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 48, 25
Decimal	5187865
CIE Lab	21.28, 16.00, 18.10
CIE LCh	21, 24.157, 48.535
Yxy	3.3183, 0.4737, 0.3749
Android (android.graphics.Color)	4283377945 (0xFF4F2919)
YUV	50.5380, -12.5902, 24.9612
Hunter-Lab	18.2163, 9.2070, 8.3925

# Details

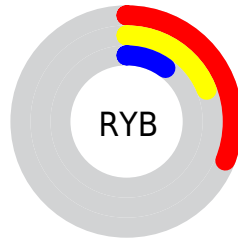
The Hex color **4F2919** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **193F4F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **835744**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **4F2311**, and if you desaturate by 10%, it is **4F2F21**.

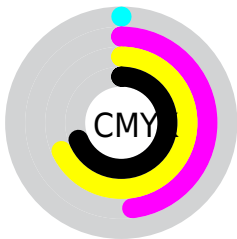
# Distribution



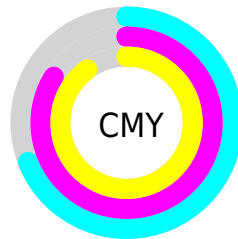
- Red (31%)
- Green (16%)
- Blue (10%)



- Red (31%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (69%)



- Cyan (69%)
- Magenta (84%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2919 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 4F2919 by changing the saturation by 10% instead.





4F2919



4F2919

FFFFFFD



371400



835744



210000



9E6F5C



000000



BA8975



D6A38E



F3BEA9



FFDAC4



FFF7E0



4F2919



4F2919

■ 4F2311

■ 4F2F21

■ 4F1E09

■ 4F3429

■ 4F1801

■ 4F3A31

■ 4F1700

■ 4F3F39

■ 4F4541

■ 4F4A48

■ 4F5050

■ 4F5558

■ 4F5B60

# Harmonies

## Analogous

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



542429



4F2919



43300F

# Triad

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



4F2919



003C2B



283155

# Complementary

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



4F2919



193F4F

# 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.



003756



4F2919



003C3E

# Square

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



4F2919



1E391A



003B4D



422A4B

# Rectangle

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



4F2919



38340E



003B4D



1C3356



# Sweetspot

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



4F2919



665751



4F1940



332A26



B3B3B3



333333



# Same Dimension

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



4F2919



662B12



4F4319



262422



661E00



E64400



# Inverse Universe

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



193F4F



124D66



19254F



222526



004866



00A2E6



# Previews

## White Background



This preview shows how the Hex color 4F2919 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

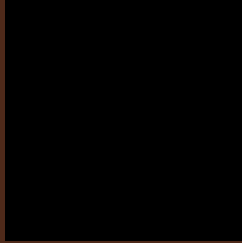
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F2919 Background



This preview shows how black text looks on a background with the Hex color 4F2919.

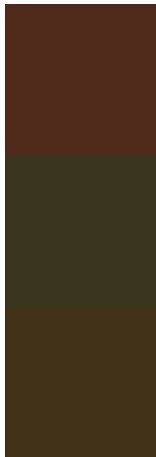


This preview shows how white text looks on a background with the Hex color 4F2919.

# 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**  
4F2919

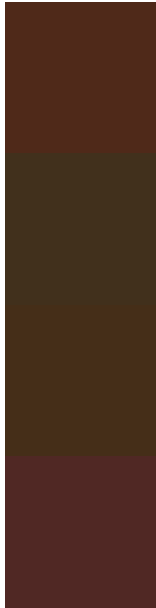
**Protanopia**  
39341D

**Deuteranopia**  
403117



**Tritanopia**  
50272A

# Trichromacy



**Original Color**  
4F2919

**Protanomaly**  
41301C

**Deuteranomaly**  
452E18

**Tritanomaly**  
502824

# Monochromacy



**Original Color**  
4F2919

**Achromatopsia**  
333333

**Achromatomaly**  
3D2F2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2919 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 #4F2919 looks like.

```
.text, #text, p{  
    color:#4F2919  
}
```

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 #4F2919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2919
}
```

## Border

The CSS property to change the border of an element to Hex 4F2919 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".

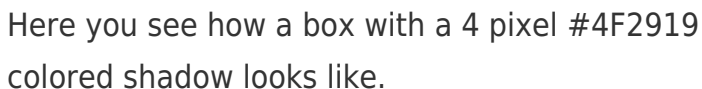
```
.border, #border, table{ border:4px solid
#4F2919 }
```

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

```
.border{ border-color:#4F2919 }
```

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

Here you see how a box with a 4 pixel #4F2919 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2919; -webkit-box-shadow:4px 4px  
4px 4px #4F2919; box-shadow:4px 4px 4px  
4px #4F2919 }
```

# Background

The CSS property to change the background color of an element to Hex 4F2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2919 }
```

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

```
.background{ background-color:#4F2919 }
```

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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