

# Converting Colors

Hex(4F6D16)

Have a look what the booklet for  
Hex(4F6D16) contains.

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# Color

**Hex(4F6D16)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 4F6D16                     |
| RGB           | 79, 109, 22                |
| RGB Percent   | 31%, 43%, 9%               |
| CMY           | 0.6902, 0.5725, 0.9137     |
| CMYK          | 0.28, 0.00, 0.80, 0.57     |
| HSL           | 81°, 66%, 26%              |
| HSV           | 81°, 80%, 43%              |
| XYZ           | 8.8379, 12.6575, 2.7364    |
| YIQ           | 90.1120, 10.0470, -33.4170 |

# Conversions

## Conversions Part 2

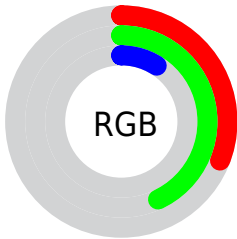
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 22, 109, 52                   |
| Decimal                             | 5205270                       |
| CIE <sub>Lab</sub>                  | 42.24, -24.53, 41.84          |
| CIE <sub>LCh</sub>                  | 42, 48.494, 120.380           |
| Yxy                                 | 12.6575, 0.3647,<br>0.5224    |
| Android<br>(android.graphics.Color) | 4283395350<br>(0xFF4F6D16)    |
| YUV                                 | 90.1120, -33.5792,<br>-9.7452 |
| Hunter-Lab                          | 35.5773, -17.9185,<br>20.3439 |

# Details

The Hex color **4F6D16** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34166D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **83A149**, and **1E3D00** is the 20% darker color. If you saturate the color by 10%, you get **4B6D0B**, and if you desaturate by 10%, it is **536D21**.

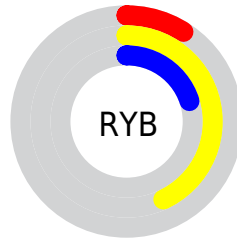
# Distribution



 Red (31%)

 Green (43%)

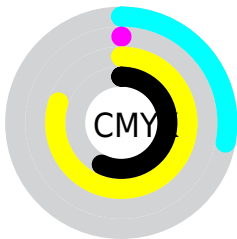
 Blue (9%)




 Red (9%)

 Yellow (43%)

 Blue (20%)

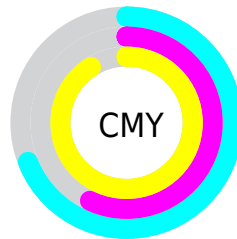


 Cyan (28%)

 Magenta (0%)

 Yellow (80%)

 Black (57%)



 Cyan (69%)

 Magenta (57%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6D16 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 4F6D16 by changing the saturation by 10% instead.





4F6D16



4F6D16

FFFFFF



365500



83A149



1E3D00



9EBC62



012700



BAD87C



000F00



D6F497



000000



F3FFB2



FFFCE



FFFEEA



4F6D16



4F6D16

■ 4B6D0B

■ 536D21

■ 476D00

■ 576D2C

■ 5A6D37

■ 5E6D42

■ 626D4C

■ 666D57

■ 696D62

■ 6D6D6D

■ 716D78

# Harmonies

## Analogous

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



776203



4F6D16



00733A

# Triad

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



4F6D16



0072A9



AA3C65

# Complementary

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



4F6D16



34166D

# 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.



94478C



4F6D16



0068B4

# Square

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



4F6D16



00768B



6359A9



A9423E

# Rectangle

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



4F6D16



007655



6359A9



A53E72



# Sweetspot

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



4F6D16



838F6D



6D3316



404733



C7C7C7



474747



# Same Dimension

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



4F6D16



608F06



246D16



343630



4D7500



A0F500



# Inverse Universe

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



34166D



35068F



5F166D



323036



280075



5400F5



# Previews

## White Background



This preview shows how the Hex color 4F6D16 looks on a white background.

## Color Contrast Check

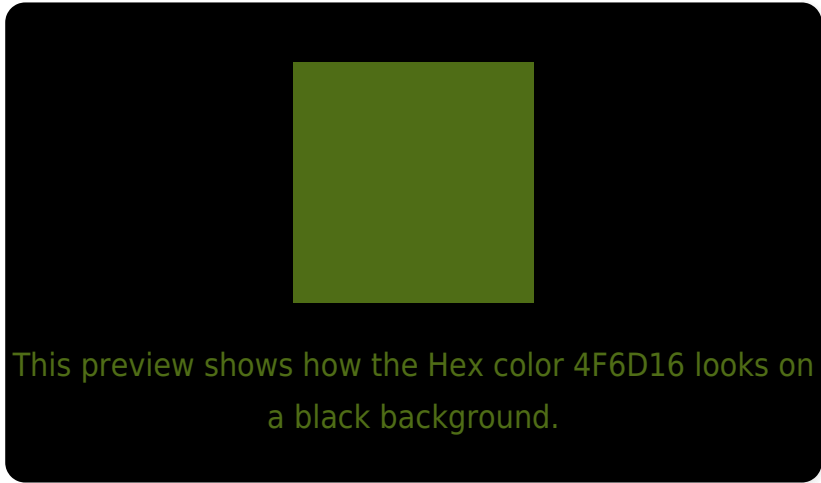
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

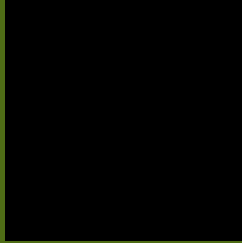
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6D16 Background



This preview shows how black text looks on a background with the Hex color 4F6D16.



This preview shows how white text looks on a background with the Hex color 4F6D16.

# 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](#).

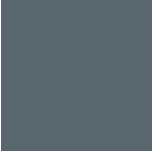
## Dichromacy



**Original Color**  
4F6D16

**Protanopia**  
706414

**Deuteranopia**  
7D5E1D



**Tritanopia**  
59666E

# Trichromacy



**Original Color**  
4F6D16

**Protanomaly**  
646715

**Deuteranomaly**  
6C631A

**Tritanomaly**  
55694E

# Monochromacy



**Original Color**  
4F6D16

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
566141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6D16 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 #4F6D16 looks like.

```
.text, #text, p{  
    color:#4F6D16  
}
```

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 #4F6D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6D16
}
```

## Border

The CSS property to change the border of an element to Hex 4F6D16 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
#4F6D16 }
```

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

```
.border{ border-color:#4F6D16 }
```

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

Here you see how a box with a 4 pixel #4F6D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6D16; -webkit-box-shadow:4px 4px  
4px 4px #4F6D16; box-shadow:4px 4px 4px  
4px #4F6D16 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6D16 }
```

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

```
.background{ background-color:#4F6D16 }
```

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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