

Converting Colors

Hex(4F762F)

Have a look what the booklet for
Hex(4F762F) contains.

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Color

Hex(4F762F)

Conversions

Conversions Part 1

Format	Color
Hex	4F762F
RGB	79, 118, 47
RGB Percent	31%, 46%, 18%
CMY	0.6902, 0.5373, 0.8157
CMYK	0.33, 0.00, 0.60, 0.54
HSL	93°, 43%, 32%
HSV	93°, 60%, 46%
XYZ	10.2160, 14.8244, 5.0123
YIQ	98.2450, -0.4530, -30.3490

Conversions

Conversions Part 2

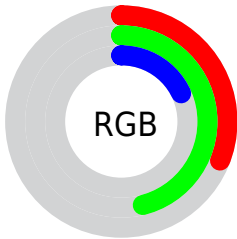
Format	Color
RYB	47, 118, 86
Decimal	5207599
CIELab	45.39, -26.89, 34.17
CIELCh	45, 43.485, 128.204
Yxy	14.8244, 0.3399, 0.4933
Android (android.graphics.Color)	4283397679 (0xFF4F762F)
YUV	98.2450, -25.2638, -16.8779
Hunter-Lab	38.5024, -20.0173, 19.2333

Details

The Hex color **4F762F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562F76**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **83AA60**, and **1D4500** is the 20% darker color. If you saturate the color by 10%, you get **497623**, and if you desaturate by 10%, it is **55763B**.

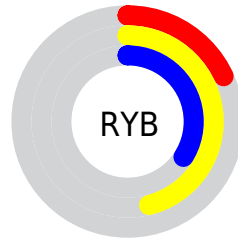
Distribution



Red (31%)

Green (46%)

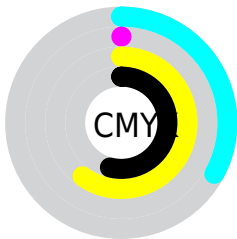
Blue (18%)



Red (18%)

Yellow (46%)

Blue (34%)

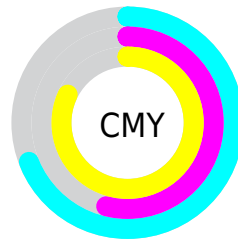


Cyan (33%)

Magenta (0%)

Yellow (60%)

Black (54%)



Cyan (69%)

Magenta (54%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F762F 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 4F762F by changing the saturation by 10% instead.



4F762F



4F762F

FFFFFF



365D17



83AA60



1D4500



9DC679



032E00



B9E293



001B00



D5FFAE



000000



F2FFCA



FFFFE6



4F762F



4F762F



497623



55763B

■ 427617

■ 5C7647

■ 3C760C

■ 627652

■ 357600

■ 69765E

■ 6F766A

■ 767676

■ 7C7682

■ 83768D

■ 897699

Harmonies

Analogous

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



766D1E



4F762F



037B4F

Triad

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



4F762F



0076AF



AE4A63

Complementary

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



4F762F



562F76

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.



9F5087



4F762F



376CB3

Square

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



4F762F



007C97



7A5EA5



A95240

Rectangle

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



4F762F



007D68



7A5EA5



AB4B6F

Sweetspot

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



4F762F



8A997D



76552F



434D3C



CCCCCC



4D4D4D

Same Dimension

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



4F762F



5C992B



2F7631



373B35



377A00



71FA00

Inverse Universe

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



562F76



672B99



762F74



38353B



43007A



8900FA

Previews

White Background



This preview shows how the Hex color 4F762F 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 4F762F Background



This preview shows how black text looks on a background with the Hex color 4F762F.



This preview shows how white text looks on a background with the Hex color 4F762F.

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
4F762F

Protanopia
776B2C

Deuteranopia
846634



Tritanopia
5A6F77

Trichromacy



Original Color
4F762F

Protanomaly
686F2D

Deuteranomaly
716C32

Tritanomaly
56725D

Monochromacy



Original Color
4F762F

Achromatopsia
626262

Achromatomaly
5B694F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F762F 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 #4F762F looks like.

```
.text, #text, p{  
    color:#4F762F  
}
```

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 #4F762F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F762F
}
```

Border

The CSS property to change the border of an element to Hex 4F762F 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
#4F762F }
```

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

```
.border{ border-color:#4F762F }
```

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

Here you see how a box with a 4 pixel #4F762F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F762F; -webkit-box-shadow:4px 4px  
4px 4px #4F762F; box-shadow:4px 4px 4px  
4px #4F762F }
```

Background

The CSS property to change the background color of an element to Hex 4F762F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F762F }
```

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

```
.background{ background-color:#4F762F }
```

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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