

# Converting Colors

Hex(4F7242)

Have a look what the booklet for  
Hex(4F7242) contains.

<b>Hex(4F7242)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4F7242)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7242
RGB	79, 114, 66
RGB Percent	31%, 45%, 26%
CMY	0.6902, 0.5529, 0.7412
CMYK	0.31, 0.00, 0.42, 0.55
HSL	104°, 27%, 35%
HSV	104°, 42%, 45%
XYZ	10.2251, 14.0902, 7.3350
YIQ	98.0630, -5.4520, -22.3480

# Conversions

## Conversions Part 2

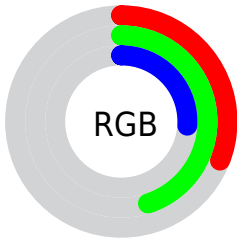
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 114, 101
Decimal	5206594
CIELab	44.36, -22.38, 22.69
CIElCh	44, 31.873, 134.602
Yxy	14.0902, 0.3231, 0.4452
Android (android.graphics.Color)	4283396674 (0xFF4F7242)
YUV	98.0630, -15.8071, -16.7183
Hunter-Lab	37.5370, -17.0660, 14.6901

# Details

The Hex color **4F7242** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **654272**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **82A673**, and **204215** is the 20% darker color. If you saturate the color by 10%, you get **477237**, and if you desaturate by 10%, it is **57724D**.

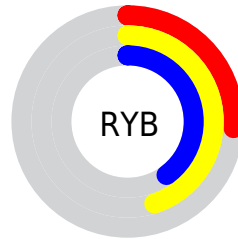
# Distribution



Red (31%)

Green (45%)

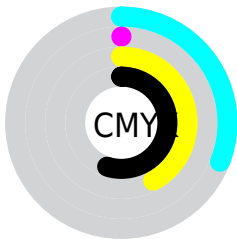
Blue (26%)



Red (26%)

Yellow (45%)

Blue (40%)

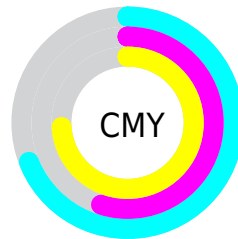


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7242 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 4F7242 by changing the saturation by 10% instead.





4F7242



4F7242

FFFFFF



37592B



82A673



204215



9CC18C



0A2B00



B7DDA7



001800



D3FAC2



000000



F0FFDE



FFFFFFB



4F7242



4F7242



477237



57724D

■ 3E722B

■ 607259

■ 367220

■ 687264

■ 2E7214

■ 707270

■ 257209

■ 79727B

■ 1F7200

■ 817286

■ 897292

■ 92729D

■ 9A72A9

# Harmonies

## Analogous

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



6D6B34



4F7242



29765A

# Triad

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



4F7242



1A709C



9C545D

# Complementary

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



4F7242



654272

# 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.



935578



4F7242



56679C

# Square

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



4F7242



00758D



7C5D8F



965945

# Rectangle

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



4F7242



00776C



7C5D8F



9B5366



# Sweetspot

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



4F7242



869481



726442



414A3E



C9C9C9



4A4A4A



# Same Dimension

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



4F7242



5D9448



42724C



343832



207800



43F700



# Inverse Universe

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



654272



7F4894



724268



373238



570078



B400F7



# Previews

## White Background



This preview shows how the Hex color 4F7242 looks on a white background.

## Color Contrast Check

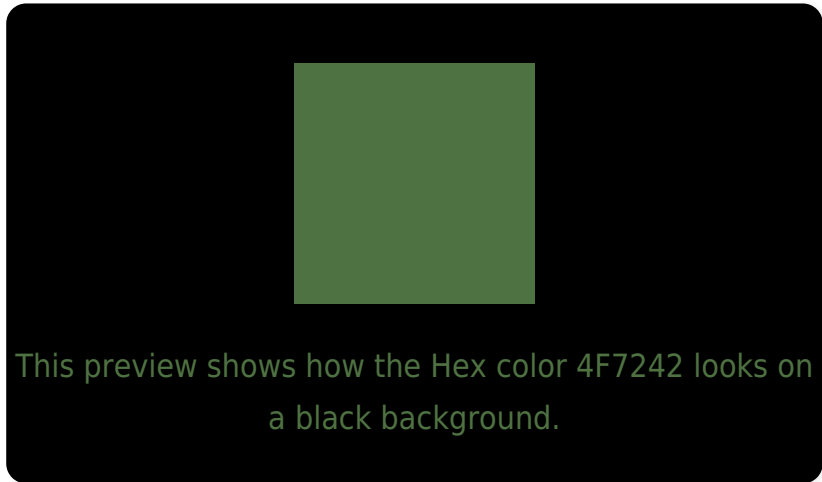
Large Text (above 18pt) WCAG AA ✓ Pass

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

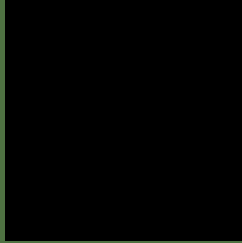
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F7242 Background



This preview shows how black text looks on a background with the Hex color 4F7242.



This preview shows how white text looks on a background with the Hex color 4F7242.

# 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**  
4F7242

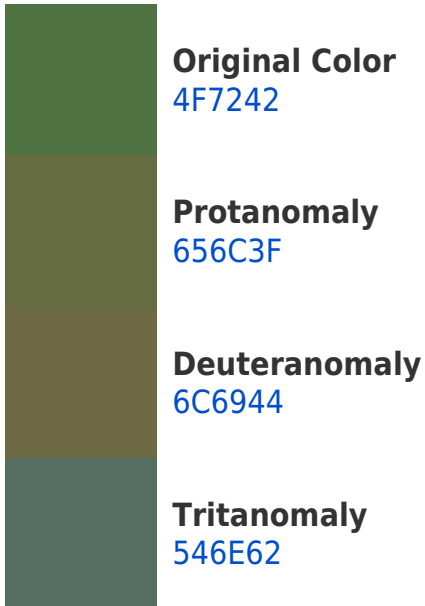
**Protanopia**  
72693E

**Deuteranopia**  
7D6445

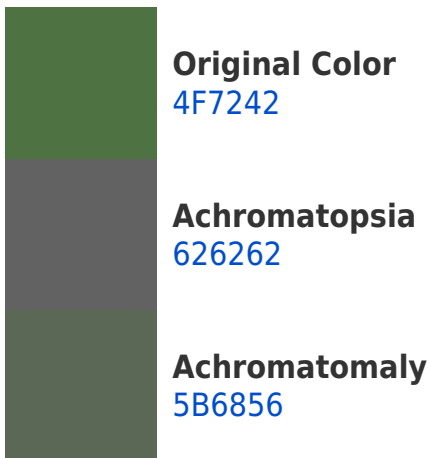


**Tritanopia**  
576C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7242 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 #4F7242 looks like.

```
.text, #text, p{  
    color:#4F7242  
}
```

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 #4F7242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7242
}
```

## Border

The CSS property to change the border of an element to Hex 4F7242 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
#4F7242 }
```

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

```
.border{ border-color:#4F7242 }
```

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

Here you see how a box with a 4 pixel #4F7242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7242; -webkit-box-shadow:4px 4px  
4px 4px #4F7242; box-shadow:4px 4px 4px  
4px #4F7242 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7242 }
```

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

```
.background{ background-color:#4F7242 }
```

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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