

Converting Colors

Hex(4F7248)

Have a look what the booklet for
Hex(4F7248) contains.

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Color

Hex(4F7248)

Conversions

Conversions Part 1

Format	Color
Hex	4F7248
RGB	79, 114, 72
RGB Percent	31%, 45%, 28%
CMY	0.6902, 0.5529, 0.7176
CMYK	0.31, 0.00, 0.37, 0.55
HSL	110°, 23%, 36%
HSV	110°, 37%, 45%
XYZ	10.4115, 14.1648, 8.3162
YIQ	98.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

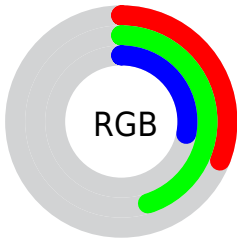
Format	Color
RYB	72, 114, 107
Decimal	5206600
CIELab	44.47, -21.40, 19.40
CIElCh	44, 28.886, 137.811
Yxy	14.1648, 0.3165, 0.4306
Android (android.graphics.Color)	4283396680 (0xFF4F7248)
YUV	98.7470, -13.1863, -17.3181
Hunter-Lab	37.6361, -16.4839, 13.2443

Details

The Hex color **4F7248** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B4872**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **81A679**, and **20421B** is the 20% darker color. If you saturate the color by 10%, you get **46723D**, and if you desaturate by 10%, it is **597253**.

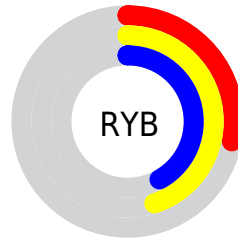
Distribution



Red (31%)

Green (45%)

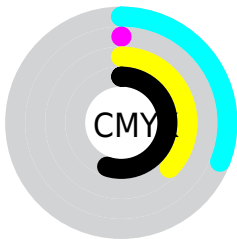
Blue (28%)



Red (28%)

Yellow (45%)

Blue (42%)

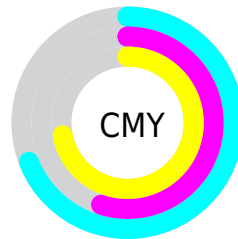


Cyan (31%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7248 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 4F7248 by changing the saturation by 10% instead.



4F7248



4F7248

FFFFFF



375931



81A679



20421B



9CC193



0A2B03



B7DDAE



001800



D3FAC9



000000



EFFFE5



4F7248



4F7248



46723D



597253



3C7231



62725F

■ 337226

■ 6C726A

■ 29721A

■ 757276

■ 1F720F

■ 7F7281

■ 167204

■ 88728C

■ 137200

■ 927298

■ 9B72A3

■ A572AF

Harmonies

Analogous

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



6A6C3A



4F7248



2E755E

Triad

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



4F7248



316E98



98575C

Complementary

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



4F7248



6B4872

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.



915774



4F7248



5D6797

Square

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



4F7248



00748C



7D5E8A



915C47

Rectangle

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



4F7248



0D766F



7D5E8A



975664

Sweetspot

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



4F7248



869484



726B48



424A40



C9C9C9



4A4A4A

Same Dimension

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



4F7248



5E9453



487256



333832



147800



29F700

Inverse Universe

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



6B4872



895394



724864



373238



640078



CE00F7

Previews

White Background



This preview shows how the Hex color 4F7248 looks on a white background.

Color Contrast Check

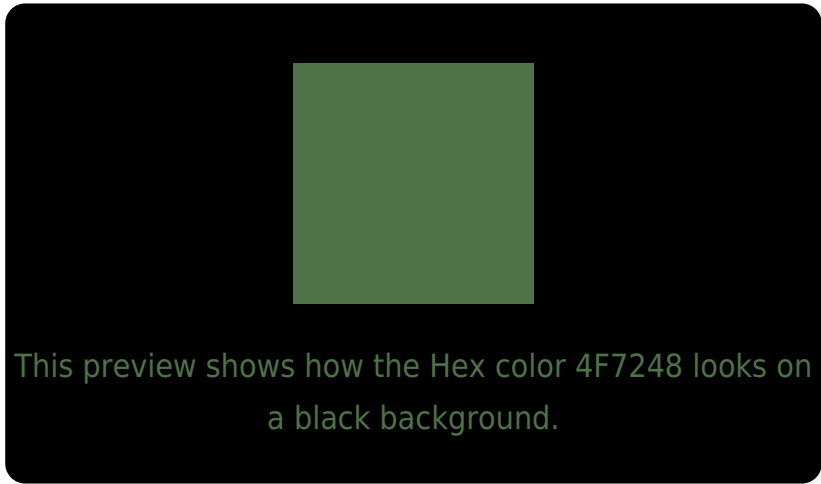
Large Text (above 18pt) WCAG AA ✓ Pass

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

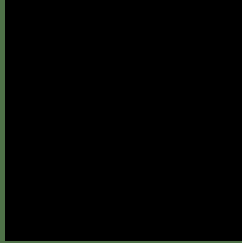
Any Text WCAG AA × Fail

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 4F7248 Background



This preview shows how black text looks on a background with the Hex color 4F7248.



This preview shows how white text looks on a background with the Hex color 4F7248.

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
4F7248

Protanopia
726944

Deuteranopia
7C644B



Tritanopia
576D75

Trichromacy



Original Color
4F7248

Protanomaly
656C45

Deuteranomaly
6C694A

Tritanomaly
546F65

Monochromacy



Original Color
4F7248

Achromatopsia
636363

Achromatomaly
5C6859

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7248 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 #4F7248 looks like.

```
.text, #text, p{  
    color:#4F7248  
}
```

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 #4F7248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7248
}
```

Border

The CSS property to change the border of an element to Hex 4F7248 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
#4F7248 }
```

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

```
.border{ border-color:#4F7248 }
```

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

Here you see how a box with a 4 pixel #4F7248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7248; -webkit-box-shadow:4px 4px  
4px 4px #4F7248; box-shadow:4px 4px 4px  
4px #4F7248 }
```

Background

The CSS property to change the background color of an element to Hex 4F7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7248 }
```

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

```
.background{ background-color:#4F7248 }
```

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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