

Converting Colors

Hex(4F7D58)

Have a look what the booklet for
Hex(4F7D58) contains.

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Color

Hex(4F7D58)

Conversions

Conversions Part 1

Format	Color
Hex	4F7D58
RGB	79, 125, 88
RGB Percent	31%, 49%, 35%
CMY	0.6902, 0.5098, 0.6549
CMYK	0.37, 0.00, 0.30, 0.51
HSL	132°, 23%, 40%
HSV	132°, 37%, 49%
XYZ	12.3195, 17.0341, 11.8711
YIQ	107.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

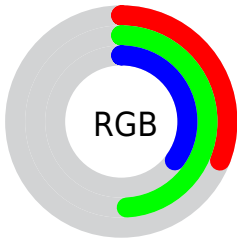
Format	Color
R_{YB}	79, 117, 125
Decimal	5209432
CIE _{Lab}	48.30, -24.13, 15.32
CIE _{LCh}	48, 28.582, 147.583
Yxy	17.0341, 0.2988, 0.4132
Android (android.graphics.Color)	4283399512 (0xFF4F7D58)
YUV	107.0280, -9.3808, -24.5806
Hunter-Lab	41.2724, -18.9456, 11.8371

Details

The Hex color **4F7D58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4F74**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **82B28A**, and **1E4C2A** is the 20% darker color. If you saturate the color by 10%, you get **437D4E**, and if you desaturate by 10%, it is **5C7D62**.

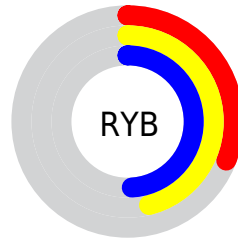
Distribution



Red (31%)

Green (49%)

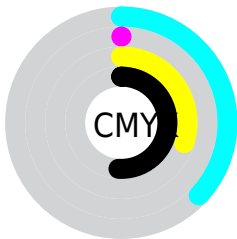
Blue (35%)



Red (31%)

Yellow (46%)

Blue (49%)

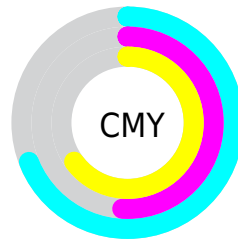


Cyan (37%)

Magenta (0%)

Yellow (30%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7D58 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 4F7D58 by changing the saturation by 10% instead.



4F7D58



4F7D58

FFFFFF



376440



82B28A



1E4C2A



9CCEA4



043515



B8EAC0



002000



D4FFDC



000000



F0FFF8



4F7D58



4F7D58



437D4E



5C7D62



367D44



687D6C

■ 2A7D3A

■ 757D76

■ 1D7D30

■ 817D80

■ 117D26

■ 8E7D8A

■ 047D1C

■ 9A7D94

■ 007D18

■ A77D9E

■ B37DA8

■ C07DB2

Harmonies

Analogous

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



6C7847



4F7D58



2E7F70

Triad

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



4F7D58



4C76A3



A1625E

Complementary

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



4F7D58



7D4F74

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.



9F6076



4F7D58



736D9D

Square

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



4F7D58



1F7C9B



8F658D



97684B

Rectangle

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



4F7D58



148080



8F658D



A26065

Sweetspot

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



4F7D58



91A395



757D4F



475249



D1D1D1



525252

Same Dimension

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



4F7D58



5BA369



4F7D6E



39403B



008019



000000

Inverse Universe

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



7D4F74



A35B95



7D4F5E



40393F



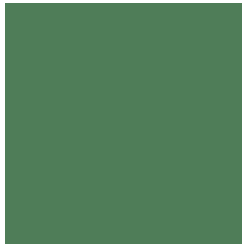
800067



000000

Previews

White Background



This preview shows how the Hex color 4F7D58 looks on a white background.

Color Contrast Check

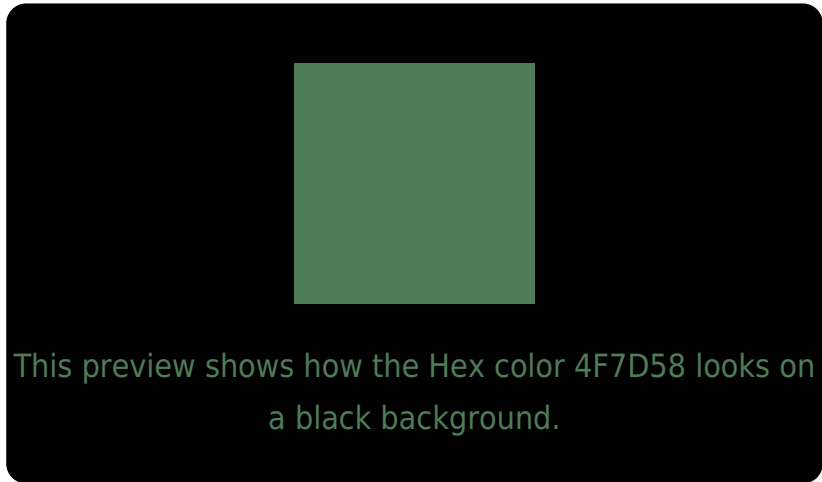
Large Text (above 18pt) WCAG AA ✓ Pass

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

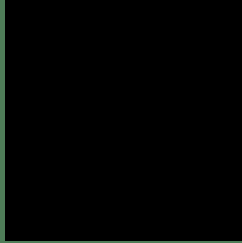
Any Text WCAG AA × Fail

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 4F7D58 Background



This preview shows how black text looks on a background with the Hex color 4F7D58.



This preview shows how white text looks on a background with the Hex color 4F7D58.

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
4F7D58

Protanopia
7B7253

Deuteranopia
856E5B



Tritanopia
577881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7D58 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 #4F7D58 looks like.

```
.text, #text, p{  
    color:#4F7D58  
}
```

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 #4F7D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7D58
}
```

Border

The CSS property to change the border of an element to Hex 4F7D58 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".

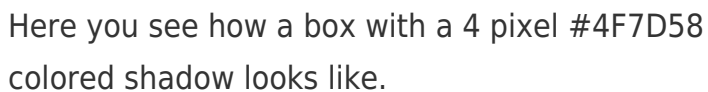
```
.border, #border, table{ border:4px solid
#4F7D58 }
```

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

```
.border{ border-color:#4F7D58 }
```

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

Here you see how a box with a 4 pixel #4F7D58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7D58; -webkit-box-shadow:4px 4px  
4px 4px #4F7D58; box-shadow:4px 4px 4px  
4px #4F7D58 }
```

Background

The CSS property to change the background color of an element to Hex 4F7D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7D58 }
```

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

```
.background{ background-color:#4F7D58 }
```

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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