

# Converting Colors

Hex(47805F)

Have a look what the booklet for  
Hex(47805F) contains.

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# Color

Hex(47805F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47805F
RGB	71, 128, 95
RGB Percent	28%, 50%, 37%
CMY	0.7216, 0.4980, 0.6275
CMYK	0.45, 0.00, 0.26, 0.50
HSL	145°, 29%, 39%
HSV	145°, 45%, 50%
XYZ	12.3833, 17.6042, 13.5717
YIQ	107.1950, -23.3790, -22.3470

# Conversions

## Conversions Part 2

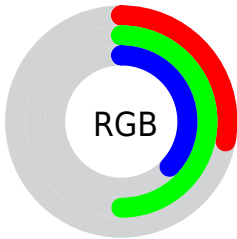
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 111, 128
Decimal	4685919
CIE <sub>Lab</sub>	49.01, -26.75, 12.19
CIE <sub>LCh</sub>	49, 29.395, 155.511
Yxy	17.6042, 0.2843, 0.4041
Android (android.graphics.Color)	4282875999 (0xFF47805F)
YUV	107.1950, -6.0121, -31.7430
Hunter-Lab	41.9573, -20.7429, 10.1918

# Details

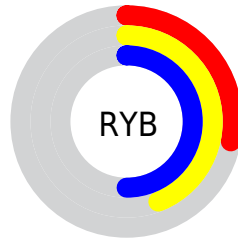
The Hex color **47805F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **804768**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7AB592**, and **134E31** is the 20% darker color. If you saturate the color by 10%, you get **3A8058**, and if you desaturate by 10%, it is **548066**.

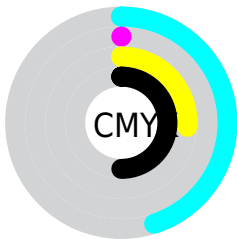
# Distribution



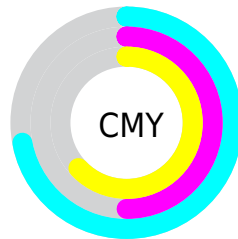
- Red (28%)
- Green (50%)
- Blue (37%)



- Red (28%)
- Yellow (44%)
- Blue (50%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (50%)



- Cyan (72%)
- Magenta (50%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47805F 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 47805F by changing the saturation by 10% instead.





47805F



47805F

FFFFFF



2E6747



7AB592



134E31



95D1AC



00371C



B0EDC7



002202



CCFFE4



000000



E9FFFF



47805F



47805F



3A8058



548066



2D8050



61806E

 218049

 6D8075

 148041

 7A807D

 07803A

 878084

 008036

 94808B

 A18093

 AD809A

 BA80A2

# Harmonies

## Analogous

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



667C4B



47805F



228278

# Triad

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



47805F



5875A6



A36459

# Complementary

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



47805F



804768

# 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.



A46171



47805F



7D6C9D

# Square

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



47805F



297DA1



98648A



966C48

# Rectangle

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



47805F



008189



98648A



A56260



# Sweetspot

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



47805F



90A699



688047



47544C



D4D4D4



545454



# Same Dimension

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



47805F



4EA673



47807B



39403C



008036



000000



# Inverse Universe

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



804768



A64E81



80474C



40393D



80004A

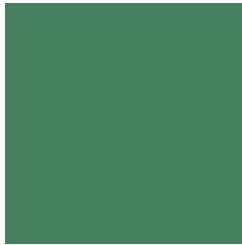


000000



# Previews

## White Background



This preview shows how the Hex color 47805F looks on a white background.

## Color Contrast Check

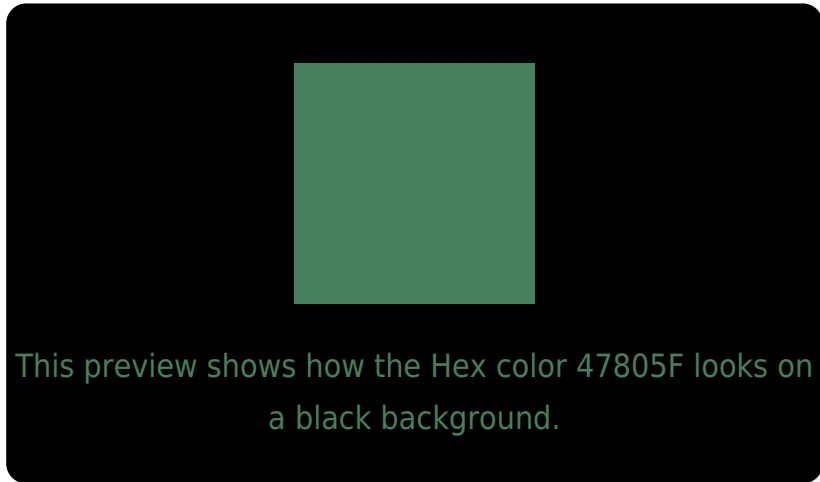
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

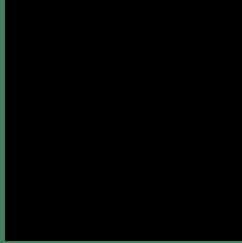
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 47805F Background



This preview shows how black text looks on a background with the Hex color 47805F.

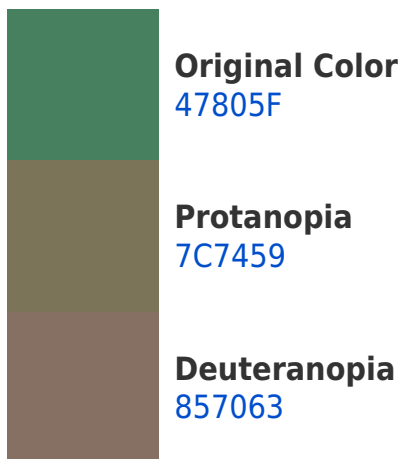


This preview shows how white text looks on a background with the Hex color 47805F.

# 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





**Tritanopia**  
507B85

# Trichromacy



**Original Color**  
47805F

**Protanomaly**  
69785B

**Deuteranomaly**  
6E7662

**Tritanomaly**  
4D7D77

# Monochromacy



**Original Color**  
47805F

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5E367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47805F 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 #47805F looks like.

```
.text, #text, p{  
    color:#47805F  
}
```

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 #47805F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47805F
}
```

## Border

The CSS property to change the border of an element to Hex 47805F 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
#47805F }
```

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

```
.border{ border-color:#47805F }
```

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

Here you see how a box with a 4 pixel #47805F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47805F; -webkit-box-shadow:4px 4px  
4px 4px #47805F; box-shadow:4px 4px 4px  
4px #47805F }
```

# Background

The CSS property to change the background color of an element to Hex 47805F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47805F }
```

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

```
.background{ background-color:#47805F }
```

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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