

Converting Colors

Hex(48765F)

Have a look what the booklet for
Hex(48765F) contains.

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Color

Hex(48765F)

Conversions

Conversions Part 1

Format	Color
Hex	48765F
RGB	72, 118, 95
RGB Percent	28%, 46%, 37%
CMY	0.7176, 0.5373, 0.6275
CMYK	0.39, 0.00, 0.19, 0.54
HSL	150°, 24%, 37%
HSV	150°, 39%, 46%
XYZ	11.2165, 15.1608, 13.1616
YIQ	101.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

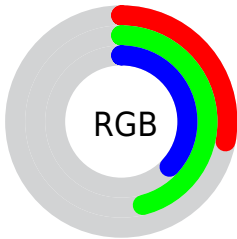
Format	Color
R_{YB}	72, 103, 118
Decimal	4748895
CIE _{Lab}	45.85, -21.36, 7.76
CIE _{LCh}	46, 22.725, 160.045
Yxy	15.1608, 0.2837, 0.3834
Android (android.graphics.Color)	4282938975 (0xFF48765F)
YUV	101.6240, -3.2656, -25.9802
Hunter-Lab	38.9369, -16.7194, 7.2143

Details

The Hex color **48765F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76485F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7AAA91**, and **174531** is the 20% darker color. If you saturate the color by 10%, you get **3C7659**, and if you desaturate by 10%, it is **547665**.

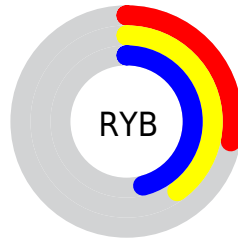
Distribution



Red (28%)

Green (46%)

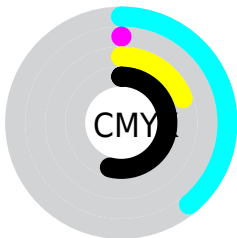
Blue (37%)



Red (28%)

Yellow (40%)

Blue (46%)

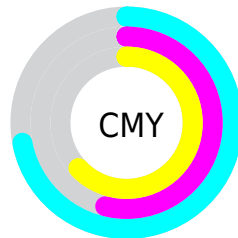


Cyan (39%)

Magenta (0%)

Yellow (19%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48765F 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 48765F by changing the saturation by 10% instead.



48765F



48765F

FFFFFF



305D47



7AAA91



174531



95C6AC



002F1C



B0E2C7



001C02



CCFFE3



000000



E8FFFF



48765F



48765F



3C7659



547665



307653



60766B

■ 25764D

■ 6B7671

■ 197647

■ 777677

■ 0D7642

■ 83767D

■ 01763C

■ 8F7682

■ 00763B

■ 9B7688

■ A6768E

■ B27694

Harmonies

Analogous

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



5E734F



48765F



347773

Triad

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



48765F



5D6C92



906155

Complementary

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



48765F



76485F

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.



925E67



48765F



77658A

Square

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



48765F



407290



8A607A



856749

Rectangle

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



48765F



2D767F



8A607A



92605A

Sweetspot

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



48765F



879990



5F7648



424D47



CCCCCC



4D4D4D

Same Dimension

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



48765F



519975



487676



353B38



007A3D



00FA7D

Inverse Universe

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



76485F



995175



764848



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 48765F looks on a white background.

Color Contrast Check

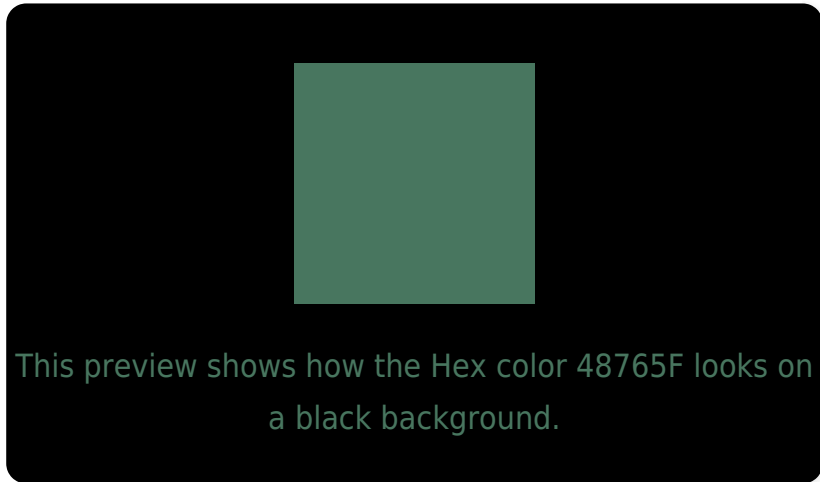
Large Text (above 18pt) WCAG AA ✓ Pass

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

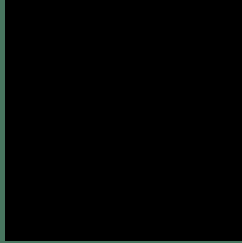
Any Text WCAG AA × Fail

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 48765F Background



This preview shows how black text looks on a background with the Hex color 48765F.

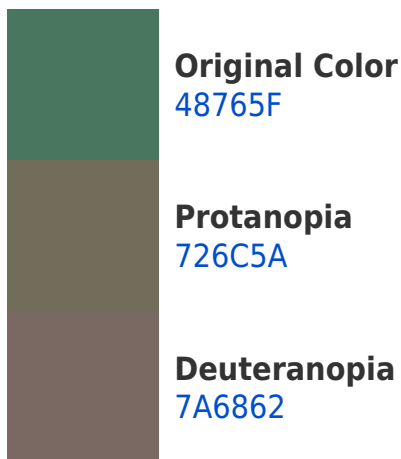


This preview shows how white text looks on a background with the Hex color 48765F.

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](#).

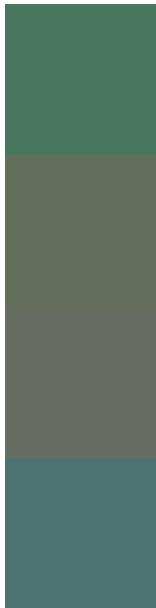
Dichromacy





Tritanopia
4F727B

Trichromacy



Original Color
48765F

Protanomaly
63705C

Deuteranomaly
686D61

Tritanomaly
4C7371

Monochromacy



Original Color
48765F

Achromatopsia
666666

Achromatomaly
5B6C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 48765F 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 #48765F looks like.

```
.text, #text, p{  
    color:#48765F  
}
```

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 #48765F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48765F
}
```

Border

The CSS property to change the border of an element to Hex 48765F 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
#48765F }
```

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

```
.border{ border-color:#48765F }
```

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

Here you see how a box with a 4 pixel #48765F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48765F; -webkit-box-shadow:4px 4px  
4px 4px #48765F; box-shadow:4px 4px 4px  
4px #48765F }
```

Background

The CSS property to change the background color of an element to Hex 48765F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48765F }
```

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

```
.background{ background-color:#48765F }
```

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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