

Converting Colors

Hex(45766F)

Have a look what the booklet for
Hex(45766F) contains.

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Color

Hex(45766F)

Conversions

Conversions Part 1

Format	Color
Hex	45766F
RGB	69, 118, 111
RGB Percent	27%, 46%, 44%
CMY	0.7294, 0.5373, 0.5647
CMYK	0.42, 0.00, 0.06, 0.54
HSL	171°, 26%, 37%
HSV	171°, 42%, 46%
XYZ	11.8019, 15.3698, 17.3836
YIQ	102.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

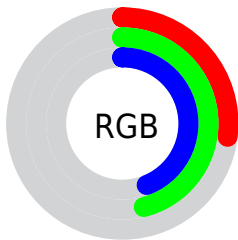
Format	Color
RYB	69, 95, 118
Decimal	4552303
CIELab	46.14, -18.38, -1.37
CIElCh	46, 18.436, 184.250
Yxy	15.3698, 0.2649, 0.3450
Android (android.graphics.Color)	4282742383 (0xFF45766F)
YUV	102.5510, 4.1654, -29.4242
Hunter-Lab	39.2043, -14.8725, 1.1533

Details

The Hex color **45766F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76454C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **78AAA3**, and **12453F** is the 20% darker color. If you saturate the color by 10%, you get **39766D**, and if you desaturate by 10%, it is **517671**.

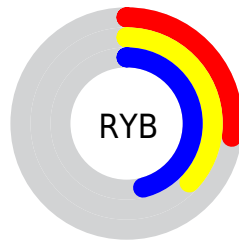
Distribution



Red (27%)

Green (46%)

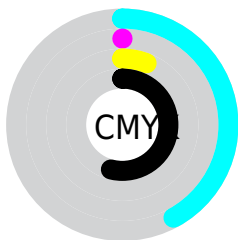
Blue (44%)



Red (27%)

Yellow (37%)

Blue (46%)

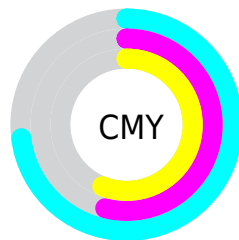


Cyan (42%)

Magenta (0%)

Yellow (6%)

Black (54%)



Cyan (73%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45766F 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 45766F by changing the saturation by 10% instead.

 45766F

 45766F

FFFFFF

 2C5D57

 78AAA3

 12453F

 92C6BE

 002F2A

 AEE2D9

 001B15

 C9FFF6

 000000

 E6FFFF

 45766F

 45766F

 39766D

 517671

 2D766C

 5D7672

■ 22766A

■ 687674

■ 167668

■ 747676

■ 0A7667

■ 807677

■ 007665

■ 8C7679

■ 98767B

■ A3767C

■ AF767E

Harmonies

Analogous

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



54755F



45766F



40757E

Triad

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



45766F



736987



846852

Complementary

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



45766F



76454C

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.



8C645D



45766F



83647B

Square

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



45766F



5D6E8C



8C626C



766D4F

Rectangle

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



45766F



457486



8C626C



876655

Sweetspot

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



45766F



879996



4C7645



424D4B



CCCCCC



4D4D4D

Same Dimension

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



45766F



4D998E



456576



353B3A



007A69



00FAD6

Inverse Universe

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



76454C



994D57



765645



3B3536



7A0011



FA0024

Previews

White Background



This preview shows how the Hex color 45766F looks on a white background.

Color Contrast Check

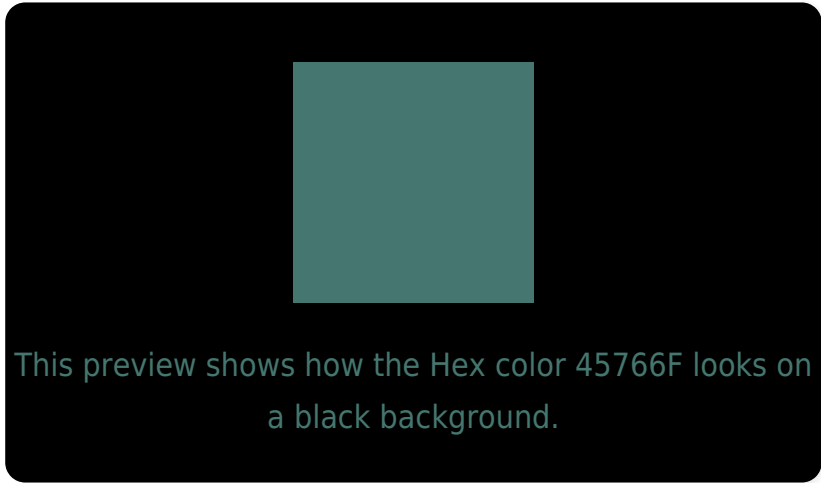
Large Text (above 18pt) WCAG AA ✓ Pass

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

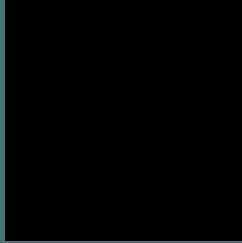
Any Text WCAG AA × Fail

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 45766F Background



This preview shows how black text looks on a background with the Hex color 45766F.

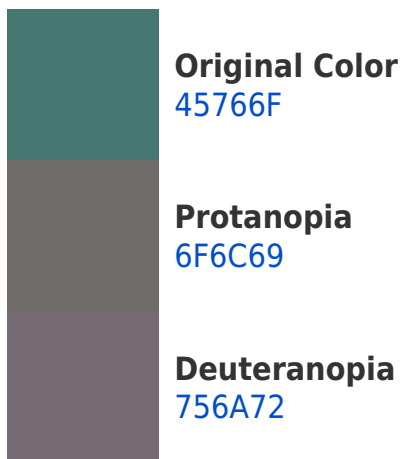


This preview shows how white text looks on a background with the Hex color 45766F.

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](#).

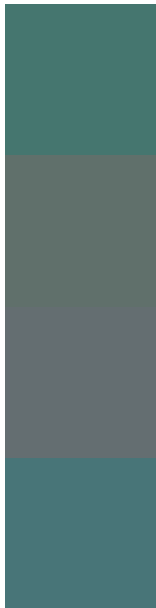
Dichromacy





Tritanopia
49747D

Trichromacy



Original Color
45766F

Protanomaly
60706B

Deuteranomaly
646E71

Tritanomaly
487578

Monochromacy



Original Color
45766F

Achromatopsia
676767

Achromatomaly
5B6C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45766F 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 #45766F looks like.

```
.text, #text, p{  
    color:#45766F  
}
```

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 #45766F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45766F
}
```

Border

The CSS property to change the border of an element to Hex 45766F 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
#45766F }
```

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

```
.border{ border-color:#45766F }
```

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

Here you see how a box with a 4 pixel #45766F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45766F; -webkit-box-shadow:4px 4px  
4px 4px #45766F; box-shadow:4px 4px 4px  
4px #45766F }
```

Background

The CSS property to change the background color of an element to Hex 45766F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45766F }
```

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

```
.background{ background-color:#45766F }
```

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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