

Converting Colors

Hex(47665F)

Have a look what the booklet for
Hex(47665F) contains.

| | |
|--|----|
| Hex(47665F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(47665F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 47665F |
| RGB | 71, 102, 95 |
| RGB Percent | 28%, 40%, 37% |
| CMY | 0.7216, 0.6000, 0.6275 |
| CMYK | 0.30, 0.00, 0.07, 0.60 |
| HSL | 166°, 18%, 34% |
| HSV | 166°, 30%, 40% |
| XYZ | 9.4155, 11.6686, 12.5825 |
| YIQ | 91.9330, -16.2290, -8.7490 |

Conversions

Conversions Part 2

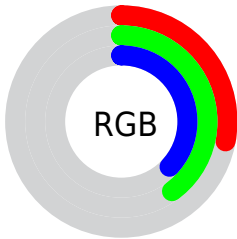
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 71, 88, 102 |
| Decimal | 4679263 |
| CIELab | 40.68, -12.98, 0.32 |
| CIELCh | 41, 12.982, 178.608 |
| Yxy | 11.6686, 0.2797, 0.3466 |
| Android (android.graphics.Color) | 4282869343 (0xFF47665F) |
| YUV | 91.9330, 1.5120, -18.3582 |
| Hunter-Lab | 34.1593, -10.5780, 2.0722 |

Details

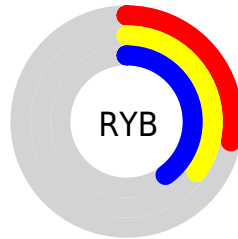
The Hex color **47665F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66474E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **789991**, and **193731** is the 20% darker color. If you saturate the color by 10%, you get **3D665D**, and if you desaturate by 10%, it is **516661**.

Distribution



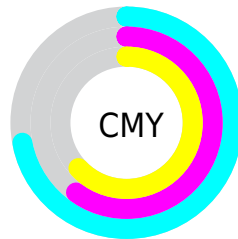
- Red (28%)
- Green (40%)
- Blue (37%)



- Red (28%)
- Yellow (35%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47665F 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 47665F by changing the saturation by 10% instead.



47665F



47665F

FFFFFF



304E47



789991



193731



92B4AC



03211C



ADCFC7



000502



C9ECE3



000000



E5FFFF



47665F



47665F



3D665D



516661



33665A



5B6664

■ 286658

■ 666666

■ 1E6656

■ 706668

■ 146653

■ 7A666B

■ 0A6651

■ 84666D

■ 00664F

■ 8E666F

■ 996671

■ A36674

Harmonies

Analogous

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



516555



47665F



43666A

Triad

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



47665F



615D72



715C4E

Complementary

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



47665F



66474E

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.



765956



47665F



6D5A6B

Square

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



47665F



536175



755861



695F4B

Rectangle

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



47665F



45656F



755861



735B50

Sweetspot

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



47665F



798582



4E6647



3B4241



C2C2C2



424242

Same Dimension

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



47665F



55857A



475E66



2E3332



007359



00F2BC

Inverse Universe

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



66474E



855560



664F47



332E2F



73001A



F20037

Previews

White Background



This preview shows how the Hex color 47665F looks on a white background.

Color Contrast Check

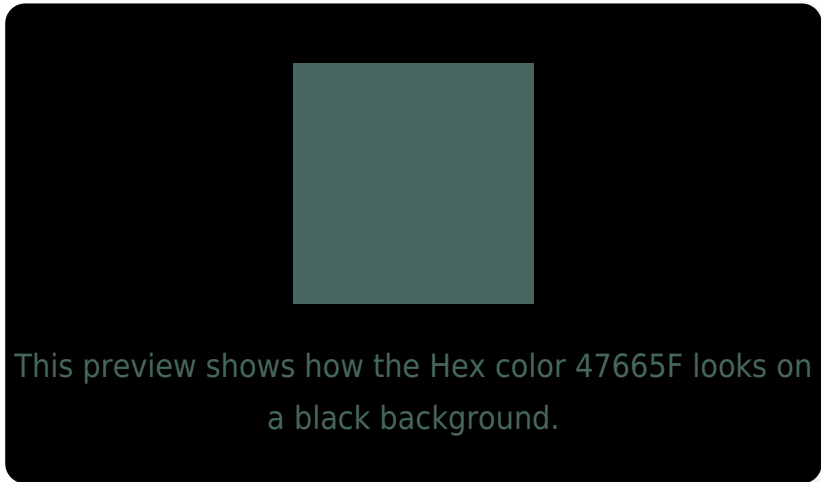
Large Text (above 18pt) WCAG AA ✓ Pass

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

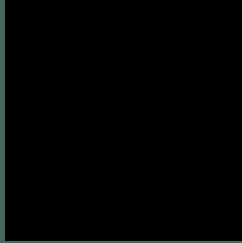
Any Text WCAG AA × Fail

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 47665F Background



This preview shows how black text looks on a background with the Hex color 47665F.

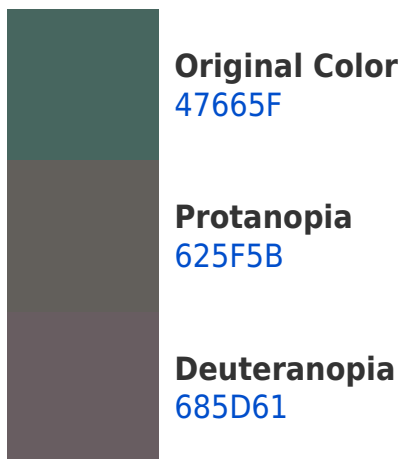



This preview shows how white text looks on a background with the Hex color 47665F.

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](#).

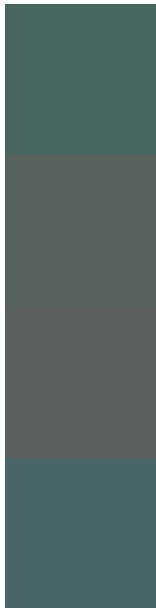
Dichromacy





Tritanopia
4A646C

Trichromacy



Original Color

47665F

Protanomaly

58625C

Deuteranomaly

5C6060

Tritanomaly

496567

Monochromacy



Original Color

47665F

Achromatopsia

5C5C5C

Achromatomaly

54605D

CSS Examples

Text

The CSS property to change the color of the text to Hex 47665F 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 #47665F looks like.

```
.text, #text, p{  
    color:#47665F  
}
```

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 #47665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47665F
}
```

Border

The CSS property to change the border of an element to Hex 47665F 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
#47665F }
```

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

```
.border{ border-color:#47665F }
```

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

Here you see how a box with a 4 pixel #47665F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47665F; -webkit-box-shadow:4px 4px  
4px 4px #47665F; box-shadow:4px 4px 4px  
4px #47665F }
```

Background

The CSS property to change the background color of an element to Hex 47665F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47665F }
```

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

```
.background{ background-color:#47665F }
```

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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