

Converting Colors

Hex(41665F)

Have a look what the booklet for
Hex(41665F) contains.

Hex(41665F)	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(41665F)

Conversions

Conversions Part 1

Format	Color
Hex	41665F
RGB	65, 102, 95
RGB Percent	25%, 40%, 37%
CMY	0.7451, 0.6000, 0.6275
CMYK	0.36, 0.00, 0.07, 0.60
HSL	169°, 22%, 33%
HSV	169°, 36%, 40%
XYZ	8.9969, 11.4528, 12.5629
YIQ	90.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

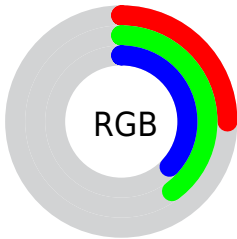
Format	Color
R_{YB}	65, 85, 102
Decimal	4286047
CIE _{Lab}	40.33, -14.94, -0.24
CIE _{LCh}	40, 14.945, 180.921
Yxy	11.4528, 0.2725, 0.3469
Android (android.graphics.Color)	4282476127 (0xFF41665F)
YUV	90.1390, 2.3965, -22.0469
Hunter-Lab	33.8420, -11.7691, 1.6796

Details

The Hex color **41665F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664148**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **739991**, and **123731** is the 20% darker color. If you saturate the color by 10%, you get **37665D**, and if you desaturate by 10%, it is **4B6661**.

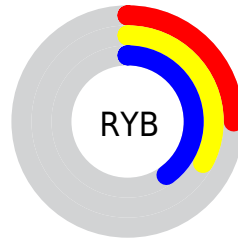
Distribution



Red (25%)

Green (40%)

Blue (37%)



Red (25%)

Yellow (33%)

Blue (40%)

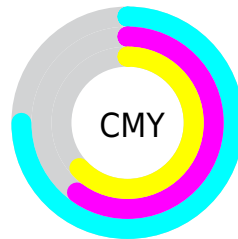


Cyan (36%)

Magenta (0%)

Yellow (7%)

Black (60%)



Cyan (75%)

Magenta (60%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41665F 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 41665F by changing the saturation by 10% instead.



41665F



41665F

FFFFFF



294E47



739991



123731



8CB4AC



00211C



A7D0C7



000202



C3ECE3



000000



DFFFFF



FCFFFF



41665F



41665F



37665D



4B6661

■ 2D665B

■ 556663

■ 226659

■ 606665

■ 186657

■ 6A6667

■ 0E6655

■ 746669

■ 046653

■ 7E666B

■ 006653

■ 88666D

■ 93666E

■ 9D6670

Harmonies

Analogous

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



4D6553



41665F



3C666B

Triad

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



41665F



625C74



725A4A

Complementary

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



41665F



664148

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.



785753



41665F



6F586B

Square

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



41665F



516077



77565F



685E47

Rectangle

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



41665F



3F6472



77565F



75594D

Sweetspot

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



41665F



768582



486641



3A4241



C2C2C2



424242

Same Dimension

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



41665F



4A857A



415B66



2E3332



00735D



00F2C4

Inverse Universe

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



664148



854A55



664C41



332E2F



730016



F2002E

Previews

White Background



This preview shows how the Hex color 41665F looks on a white background.

Color Contrast Check

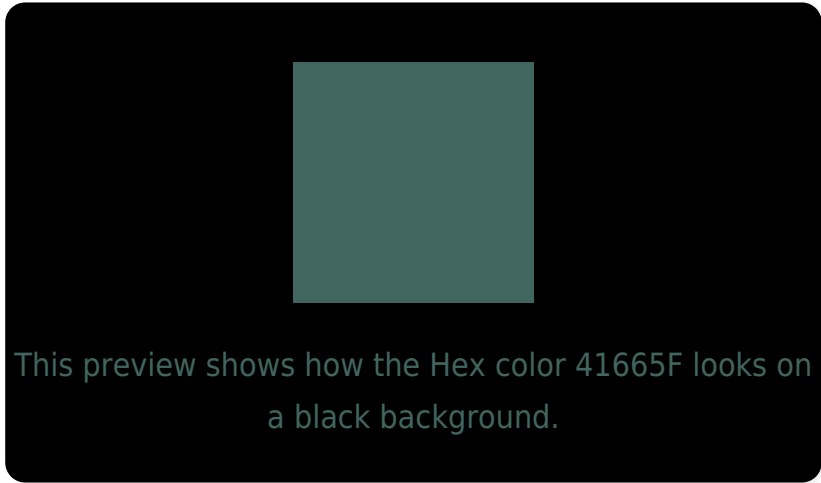
Large Text (above 18pt) WCAG AA ✓ Pass

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

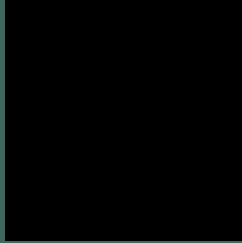
Any Text WCAG AA × Fail

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 41665F Background



This preview shows how black text looks on a background with the Hex color 41665F.

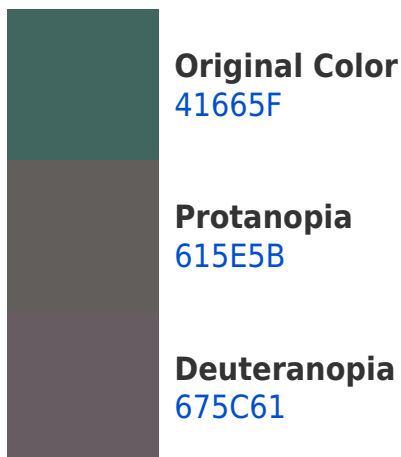



This preview shows how white text looks on a background with the Hex color 41665F.

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](#).

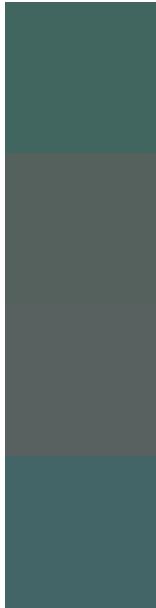
Dichromacy





Tritanopia
44646C

Trichromacy



Original Color

41665F

Protanomaly

55615C

Deuteranomaly

596060

Tritanomaly

436567

Monochromacy



Original Color

41665F

Achromatopsia

5A5A5A

Achromatomaly

515E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 41665F 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 #41665F looks like.

```
.text, #text, p{  
    color:#41665F  
}
```

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 #41665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41665F
}
```

Border

The CSS property to change the border of an element to Hex 41665F 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".

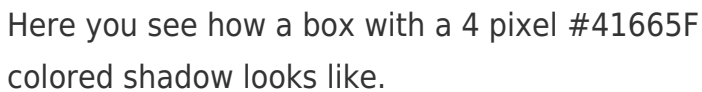
```
.border, #border, table{ border:4px solid
#41665F }
```

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

```
.border{ border-color:#41665F }
```

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

Here you see how a box with a 4 pixel #41665F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41665F; -webkit-box-shadow:4px 4px  
4px 4px #41665F; box-shadow:4px 4px 4px  
4px #41665F }
```

Background

The CSS property to change the background color of an element to Hex 41665F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41665F }
```

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

```
.background{ background-color:#41665F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor