

Converting Colors

Hex(38665C)

Have a look what the booklet for
Hex(38665C) contains.

Hex(38665C)	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(38665C)

Conversions

Conversions Part 1

Format	Color
Hex	38665C
RGB	56, 102, 92
RGB Percent	22%, 40%, 36%
CMY	0.7804, 0.6000, 0.6392
CMYK	0.45, 0.00, 0.10, 0.60
HSL	167°, 29%, 31%
HSV	167°, 45%, 40%
XYZ	8.3140, 11.1162, 11.8327
YIQ	87.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

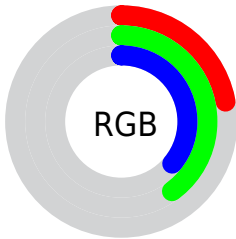
Format	Color
RYB	56, 82, 102
Decimal	3696220
CIELab	39.78, -18.46, 0.72
CIELCh	40, 18.473, 177.757
Yxy	11.1162, 0.2659, 0.3556
Android (android.graphics.Color)	4281886300 (0xFF38665C)
YUV	87.1060, 2.4127, -27.2800
Hunter-Lab	33.3410, -13.8353, 2.2967

Details

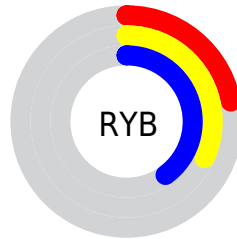
The Hex color **38665C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663842**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6A998E**, and **04372E** is the 20% darker color. If you saturate the color by 10%, you get **2E665A**, and if you desaturate by 10%, it is **42665E**.

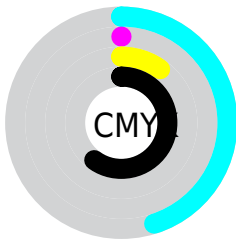
Distribution



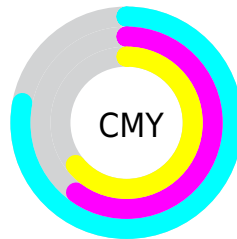
- Red (22%)
- Green (40%)
- Blue (36%)



- Red (22%)
- Yellow (32%)
- Blue (40%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (78%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38665C 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 38665C by changing the saturation by 10% instead.

 38665C

 38665C

FFFFFF

 1F4E45

 6A998E

 04372E

 84B4A9

 00211A

 9FD0C4

 000000

 BAECE0

 D6FFFC

 F3FFFF

 38665C

 38665C

 2E665A

 42665E

■ 246658

■ 4C6660

■ 196655

■ 576663

■ 0F6653

■ 616665

■ 056651

■ 6B6667

■ 006650

■ 756669

■ 7F666C

■ 8A666E

■ 946670

Harmonies

Analogous

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



48644D



38665C



2F666B

Triad

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



38665C



5E5A78



765745

Complementary

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



38665C



663842

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.



7C5450



38665C



70556E

Square

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



38665C



495F7B



7A535F



6A5C40

Rectangle

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



38665C



316473



7A535F



785648

Sweetspot

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



38665C



728581



436638



374240



C2C2C2



424242

Same Dimension

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



38665C



3D8575



385A66



2E3332



00735A



00F2BE

Inverse Universe

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



663842



853D4D



664438



332E2F



730019



F20035

Previews

White Background



This preview shows how the Hex color 38665C looks on a white background.

Color Contrast Check

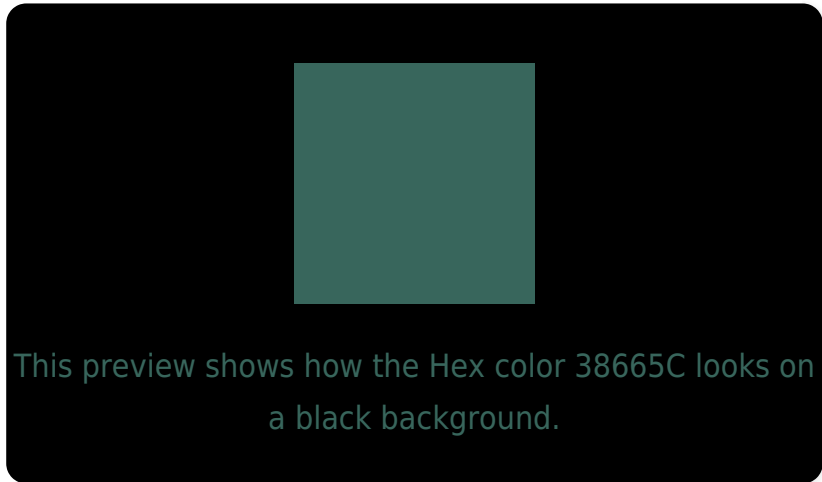
Large Text (above 18pt) WCAG AA ✓ Pass

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

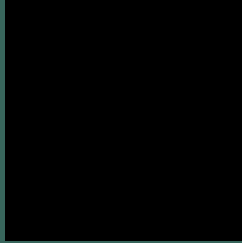
Any Text WCAG AA × Fail

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 38665C Background



This preview shows how black text looks on a background with the Hex color 38665C.

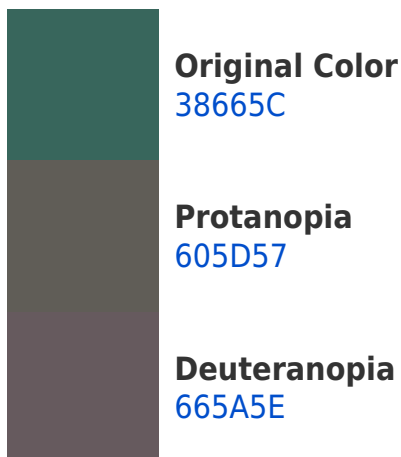



This preview shows how white text looks on a background with the Hex color 38665C.

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](#).

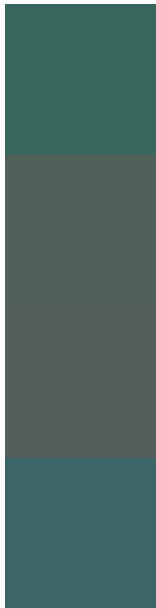
Dichromacy





Tritanopia
3C646C

Trichromacy



Original Color
38665C

Protanomaly
516059

Deuteranomaly
555E5D

Tritanomaly
3B6566

Monochromacy



Original Color
38665C

Achromatopsia
575757

Achromatomaly
4C5C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 38665C 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 #38665C looks like.

```
.text, #text, p{  
    color:#38665C  
}
```

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 #38665C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38665C
}
```

Border

The CSS property to change the border of an element to Hex 38665C 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
#38665C }
```

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

```
.border{ border-color:#38665C }
```

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

Here you see how a box with a 4 pixel #38665C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38665C; -webkit-box-shadow:4px 4px  
4px 4px #38665C; box-shadow:4px 4px 4px  
4px #38665C }
```

Background

The CSS property to change the background color of an element to Hex 38665C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38665C }
```

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

```
.background{ background-color:#38665C }
```

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