

Converting Colors

Hex(3C676D)

Have a look what the booklet for
Hex(3C676D) contains.

Hex(3C676D)	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(3C676D)

Conversions

Conversions Part 1

Format	Color
Hex	3C676D
RGB	60, 103, 109
RGB Percent	24%, 40%, 43%
CMY	0.7647, 0.5961, 0.5725
CMYK	0.45, 0.06, 0.00, 0.57
HSL	187°, 29%, 33%
HSV	187°, 45%, 43%
XYZ	9.4740, 11.7653, 16.2396
YIQ	90.8270, -27.5540, -7.2500

Conversions

Conversions Part 2

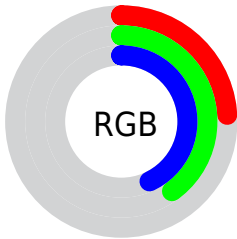
Format	Color
RYB	60, 83, 109
Decimal	3958637
CIELab	40.84, -13.17, -8.06
CIElCh	41, 15.445, 211.470
Yxy	11.7653, 0.2528, 0.3139
Android (android.graphics.Color)	4282148717 (0xFF3C676D)
YUV	90.8270, 8.9593, -27.0353
Hunter-Lab	34.3006, -10.7231, -4.0604

Details

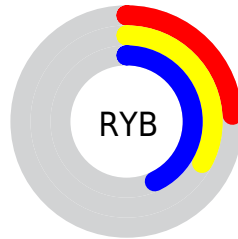
The Hex color **3C676D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D423C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6E9AA0**, and **06383E** is the 20% darker color. If you saturate the color by 10%, you get **31666D**, and if you desaturate by 10%, it is **47686D**.

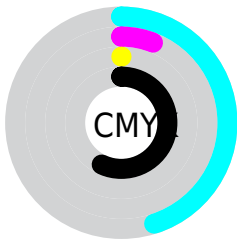
Distribution



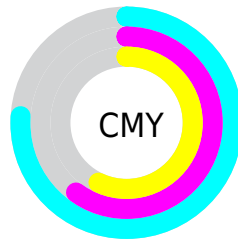
- Red (24%)
- Green (40%)
- Blue (43%)



- Red (24%)
- Yellow (33%)
- Blue (43%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C676D 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 3C676D by changing the saturation by 10% instead.



3C676D



3C676D

FFFFFF



234F55



6E9AA0



06383E



89B5BB



002228



A4D1D7



000714



BFEDF4



000000



DBFFFF



F8FFFF



3C676D



3C676D



31666D



47686D

■ 26646D

■ 526A6D

■ 1B636D

■ 5D6B6D

■ 10626D

■ 686C6D

■ 06606D

■ 736E6D

■ 00606D

■ 7D6F6D

■ 88706D

■ 93726D

■ 9E736D

Harmonies

Analogous

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



416760



3C676D



436576

Triad

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



3C676D



71596D



696047

Complementary

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



3C676D



6D423C

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.



745B4A



3C676D



795760

Square

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



3C676D



635D76



7A5854



5B644B

Rectangle

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



3C676D



4C6379



7A5854



6D5E47

Sweetspot

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



3C676D



7C8D8F



3C6D42



3C4647



C7C7C7



474747

Same Dimension

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



3C676D



42858F



3C4F6D



303536



006775



00D7F5

Inverse Universe

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



6D3C67



8F4285



6D5A3C



363035



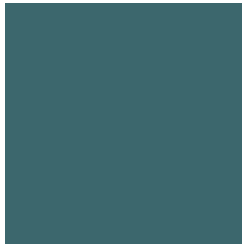
750067



F500D7

Previews

White Background



This preview shows how the Hex color 3C676D looks on a white background.

Color Contrast Check

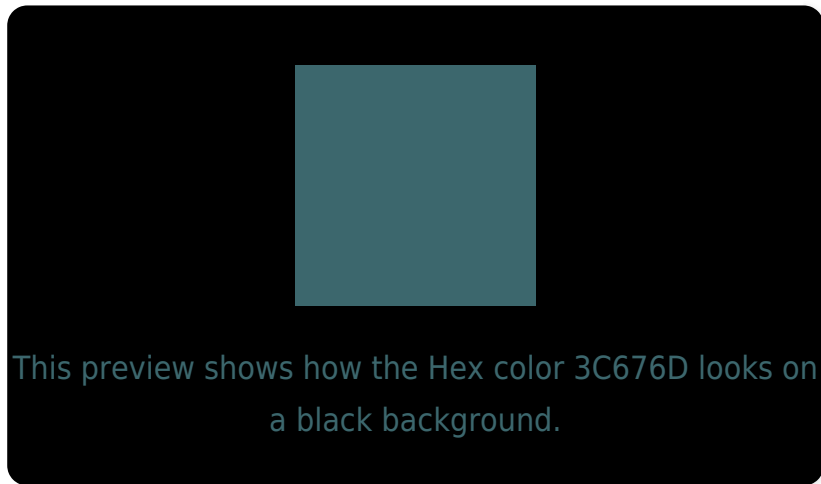
Large Text (above 18pt) WCAG AA ✓ Pass

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

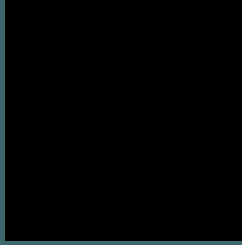
Any Text WCAG AA × Fail

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 3C676D Background



This preview shows how black text looks on a background with the Hex color 3C676D.



This preview shows how white text looks on a background with the Hex color 3C676D.

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



Original Color
3C676D

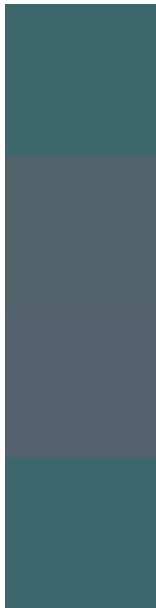
Protanopia
5F5F68

Deuteranopia
625E6F



Tritanopia
3D676F

Trichromacy



Original Color
3C676D

Protanomaly
52626A

Deuteranomaly
54616E

Tritanomaly
3D676E

Monochromacy



Original Color
3C676D

Achromatopsia
5B5B5B

Achromatomaly
505F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C676D 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 #3C676D looks like.

```
.text, #text, p{  
    color:#3C676D  
}
```

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 #3C676D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C676D
}
```

Border

The CSS property to change the border of an element to Hex 3C676D 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
#3C676D }
```

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

```
.border{ border-color:#3C676D }
```

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

Here you see how a box with a 4 pixel #3C676D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C676D; -webkit-box-shadow:4px 4px  
4px 4px #3C676D; box-shadow:4px 4px 4px  
4px #3C676D }
```

Background

The CSS property to change the background color of an element to Hex 3C676D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C676D }
```

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

```
.background{ background-color:#3C676D }
```

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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