

Converting Colors

Hex(34676B)

Have a look what the booklet for
Hex(34676B) contains.

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Color

Hex(34676B)

Conversions

Conversions Part 1

Format	Color
Hex	34676B
RGB	52, 103, 107
RGB Percent	20%, 40%, 42%
CMY	0.7961, 0.5961, 0.5804
CMYK	0.51, 0.04, 0.00, 0.58
HSL	184°, 35%, 31%
HSV	184°, 51%, 42%
XYZ	8.9203, 11.4921, 15.6580
YIQ	88.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

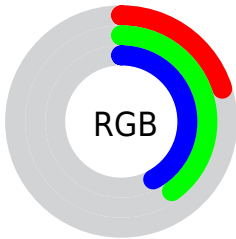
Format	Color
R_{YB}	52, 78, 107
Decimal	3434347
CIE _{Lab}	40.40, -15.87, -7.55
CIE _{LCh}	40, 17.572, 205.430
Yxy	11.4921, 0.2473, 0.3186
Android (android.graphics.Color)	4281624427 (0xFF34676B)
YUV	88.2070, 9.2649, -31.7535
Hunter-Lab	33.9000, -12.3555, -3.6553

Details

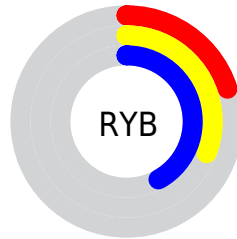
The Hex color **34676B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3834**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **679A9E**, and **00383C** is the 20% darker color. If you saturate the color by 10%, you get **29666B**, and if you desaturate by 10%, it is **3F686B**.

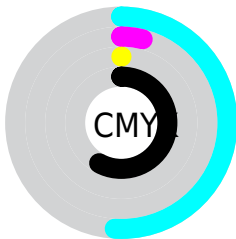
Distribution



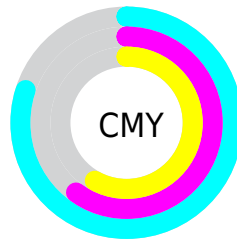
- Red (20%)
- Green (40%)
- Blue (42%)



- Red (20%)
- Yellow (31%)
- Blue (42%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34676B 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 34676B by changing the saturation by 10% instead.

■ 34676B

■ 34676B

FFFFFF

■ 194F53

■ 679A9E

■ 00383C

■ 82B5B9

■ 002226

■ 9CD1D5

■ 000412

■ B8EDF1

■ 000000

■ D4FFFF

■ F1FFFF

■ 34676B

■ 34676B

■ 29666B

■ 3F686B

1F656B

49696B

14656B

54696B

09646B

5F6A6B

00636B

6A6B6B

746C6B

7F6C6B

8A6D6B

946E6B

Harmonies

Analogous

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



3D675C



34676B



396576

Triad

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



34676B



705870



6C5E43

Complementary

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



34676B



6B3834

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.



775948



34676B



7A5562

Square

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



34676B



5E5C79



7C5554



5D6245

Rectangle

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



34676B



44637B



7C5554



705C44

Sweetspot

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



34676B



778B8C



346B38



3B4647



C7C7C7



474747

Same Dimension

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



34676B



35868C



344C6B



303536



006D75



00E3F5

Inverse Universe

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



6B3467



8C3586



6B5334



363035



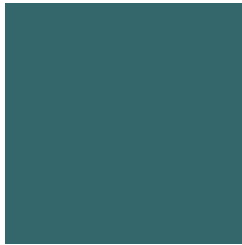
75006D



F500E3

Previews

White Background



This preview shows how the Hex color 34676B looks on a white background.

Color Contrast Check

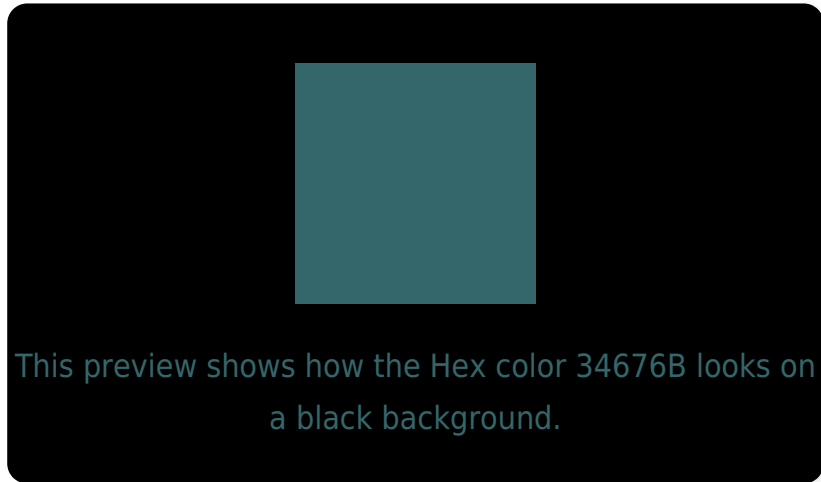
Large Text (above 18pt) WCAG AA ✓ Pass

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

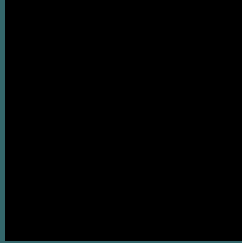
Any Text WCAG AA × Fail

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 34676B Background



This preview shows how black text looks on a background with the Hex color 34676B.



This preview shows how white text looks on a background with the Hex color 34676B.

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
34676B

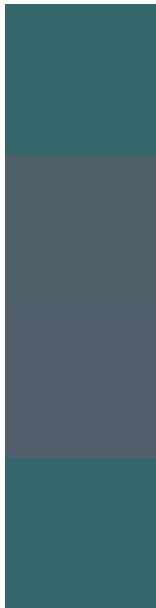
Protanopia
5F5E66

Deuteranopia
615C6D



Tritanopia
35666F

Trichromacy



Original Color
34676B

Protanomaly
4F6168

Deuteranomaly
51606C

Tritanomaly
35666E

Monochromacy



Original Color
34676B

Achromatopsia
585858

Achromatomaly
4B5D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 34676B 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 #34676B looks like.

```
.text, #text, p{  
    color:#34676B  
}
```

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 #34676B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34676B
}
```

Border

The CSS property to change the border of an element to Hex 34676B 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
#34676B }
```

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

```
.border{ border-color:#34676B }
```

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

Here you see how a box with a 4 pixel #34676B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34676B; -webkit-box-shadow:4px 4px  
4px 4px #34676B; box-shadow:4px 4px 4px  
4px #34676B }
```

Background

The CSS property to change the background color of an element to Hex 34676B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34676B }
```

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

```
.background{ background-color:#34676B }
```

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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