

Converting Colors

Hex(346766)

Have a look what the booklet for
Hex(346766) contains.

Hex(346766)	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(346766)

Conversions

Conversions Part 1

Format	Color
Hex	346766
RGB	52, 103, 102
RGB Percent	20%, 40%, 40%
CMY	0.7961, 0.5961, 0.6000
CMYK	0.50, 0.00, 0.01, 0.60
HSL	179°, 33%, 30%
HSV	179°, 50%, 40%
XYZ	8.6647, 11.3899, 14.3122
YIQ	87.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

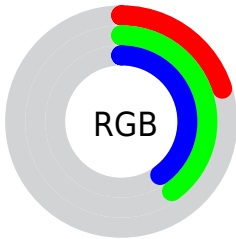
Format	Color
RYB	52, 78, 103
Decimal	3434342
CIELab	40.23, -17.34, -4.74
CIELCh	40, 17.975, 195.298
Yxy	11.3899, 0.2521, 0.3314
Android (android.graphics.Color)	4281624422 (0xFF346766)
YUV	87.6370, 7.0810, -31.2536
Hunter-Lab	33.7489, -13.2324, -1.5194

Details

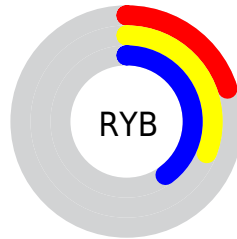
The Hex color **346766** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **673435**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **679A99**, and **003837** is the 20% darker color. If you saturate the color by 10%, you get **2A6766**, and if you desaturate by 10%, it is **3E6766**.

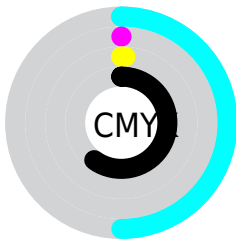
Distribution



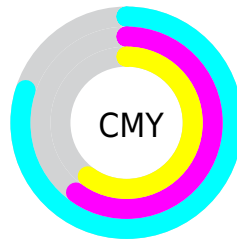
- Red (20%)
- Green (40%)
- Blue (40%)



- Red (20%)
- Yellow (31%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 346766 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 346766 by changing the saturation by 10% instead.

 346766

 346766

FFFFFF

 1A4F4E

 679A99

 003837

 81B5B4

 002222

 9CD1CF

 00020C

 B7EDEB

 000000

 D4FFFF

 F0FFFF

 346766

 346766

 2A6766

 3E6766

■ 1F6766

■ 496766

■ 156765

■ 536767

■ 0B6765

■ 5D6767

■ 006765

■ 686767

■ 726767

■ 7C6767

■ 866768

■ 916768

Harmonies

Analogous

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



406657



346766



346673

Triad

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



346766



6A5874



705B43

Complementary

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



346766



673435

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.



7A574B



346766



775567

Square

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



346766



575E7B



7D5458



626042

Rectangle

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



346766



3C6479



7D5458



745A45

Sweetspot

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



346766



738787



366734



384545



C4C4C4



454545

Same Dimension

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



346766



378786



344F67



2E3333



007370



00F2ED

Inverse Universe

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



673435



873739



674C34



332E2E



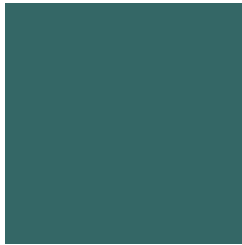
730002



F20005

Previews

White Background



This preview shows how the Hex color 346766 looks on a white background.

Color Contrast Check

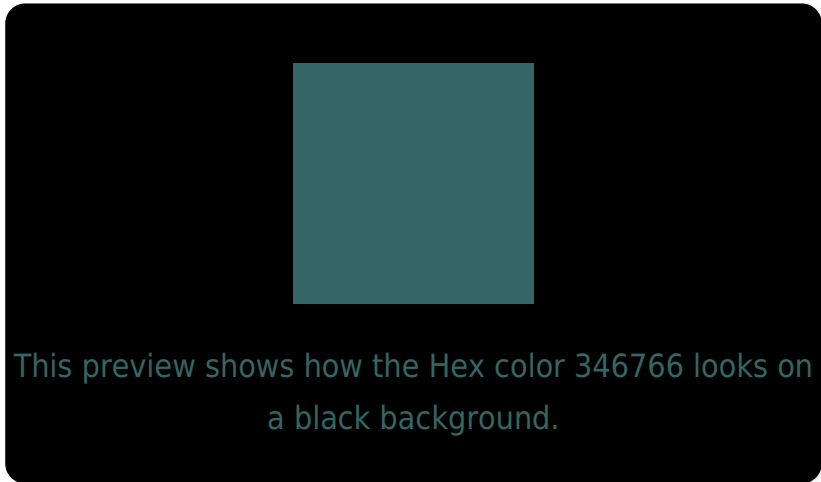
Large Text (above 18pt) WCAG AA ✓ Pass

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

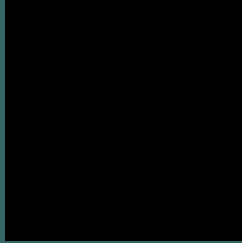
Any Text WCAG AA × Fail

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 346766 Background



This preview shows how black text looks on a background with the Hex color 346766.



This preview shows how white text looks on a background with the Hex color 346766.

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
346766

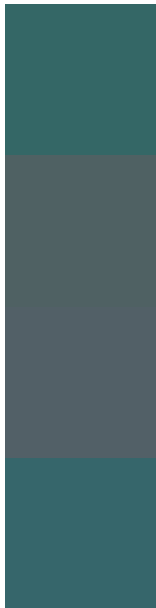
Protanopia
5F5E61

Deuteranopia
635C68



Tritanopia
37666E

Trichromacy



Original Color
346766

Protanomaly
4F6163

Deuteranomaly
526067

Tritanomaly
36666B

Monochromacy



Original Color
346766

Achromatopsia
585858

Achromatomaly
4B5D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 346766 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 #346766 looks like.

```
.text, #text, p{  
    color:#346766  
}
```

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 #346766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346766
}
```

Border

The CSS property to change the border of an element to Hex 346766 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
#346766 }
```

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

```
.border{ border-color:#346766 }
```

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

Here you see how a box with a 4 pixel #346766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346766; -webkit-box-shadow:4px 4px  
4px 4px #346766; box-shadow:4px 4px 4px  
4px #346766 }
```

Background

The CSS property to change the background color of an element to Hex 346766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346766 }
```

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

```
.background{ background-color:#346766 }
```

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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