

Converting Colors

Hex(346158)

Have a look what the booklet for
Hex(346158) contains.

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Color

Hex(346158)

Conversions

Conversions Part 1

Format	Color
Hex	346158
RGB	52, 97, 88
RGB Percent	20%, 38%, 35%
CMY	0.7961, 0.6196, 0.6549
CMYK	0.46, 0.00, 0.09, 0.62
HSL	168°, 30%, 29%
HSV	168°, 46%, 38%
XYZ	7.4523, 9.9840, 10.7669
YIQ	82.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

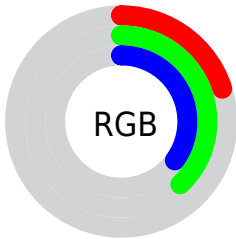
Format	Color
RYB	52, 77, 97
Decimal	3432792
CIELab	37.81, -17.95, 0.30
CIELCh	38, 17.955, 179.052
Yxy	9.9840, 0.2642, 0.3540
Android (android.graphics.Color)	4281622872 (0xFF346158)
YUV	82.5190, 2.7021, -26.7652
Hunter-Lab	31.5975, -13.1962, 1.9152

Details

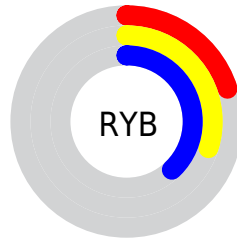
The Hex color **346158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61343D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **66948A**, and **00322B** is the 20% darker color. If you saturate the color by 10%, you get **2A6156**, and if you desaturate by 10%, it is **3E615A**.

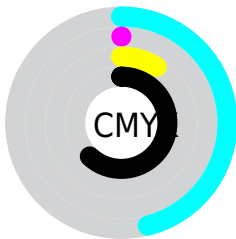
Distribution



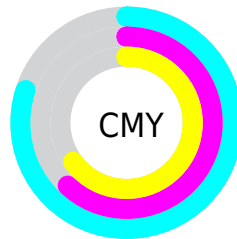
- Red (20%)
- Green (38%)
- Blue (35%)



- Red (20%)
- Yellow (30%)
- Blue (38%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346158 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 346158 by changing the saturation by 10% instead.

 346158

 346158

FFFFFF

 1B4941

 66948A

 00322B

 7FAFA4

 001E16

 9ACABF

 000000

 B5E6DB

 D1FFF7

 EEEFFF

 346158

 346158

 2A6156

 3E615A

■ 216154

■ 47615C

■ 176152

■ 51615E

■ 0D6150

■ 5B6160

■ 04614E

■ 656162

■ 00614E

■ 6E6164

■ 786166

■ 826168

■ 8B6169

Harmonies

Analogous

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



44604A



346158



2C6167

Triad

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



346158



5A5572



705341

Complementary

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



346158



61343D

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.



764F4C



346158



6B5168

Square

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



346158



465A76



754E5A



64583C

Rectangle

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



346158



2F5F6E



754E5A



725244

Sweetspot

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



346158



6B7D79



3D6134



35403E



BFBFBF



404040

Same Dimension

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



346158



377D6F



345361



2C302F



00705A



00F0C0

Inverse Universe

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



61343D



7D3745



614234



302C2D



700016



F00030

Previews

White Background



This preview shows how the Hex color 346158 looks on a white background.

Color Contrast Check

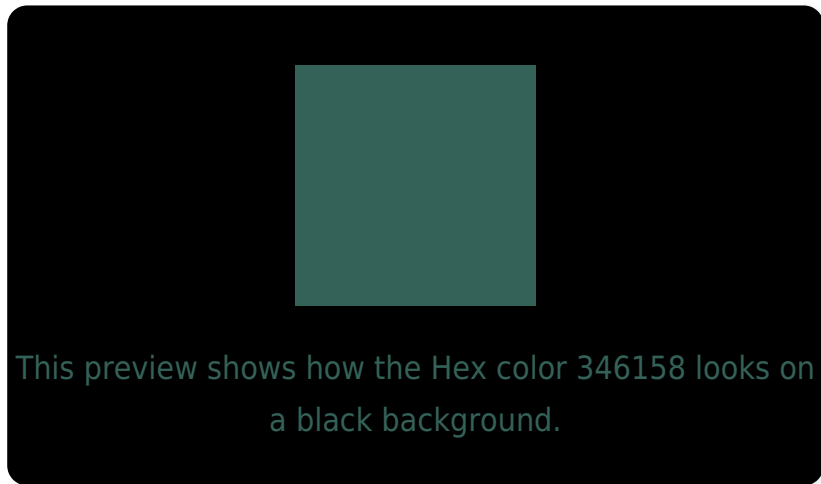
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

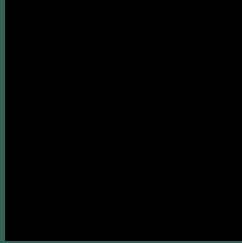
Any Text WCAG AA × Fail

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 346158 Background



This preview shows how black text looks on a background with the Hex color 346158.

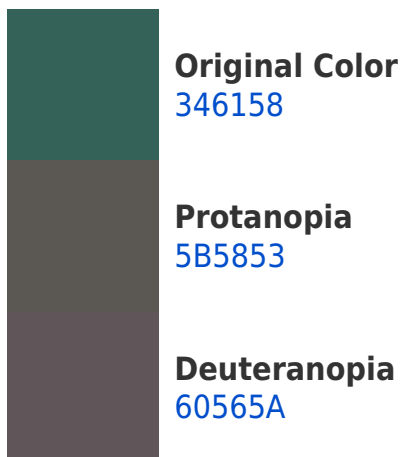


This preview shows how white text looks on a background with the Hex color 346158.

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](#).

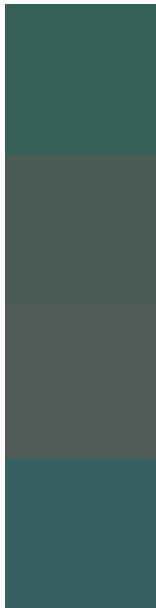
Dichromacy





Tritanopia
385F67

Trichromacy



Original Color
346158

Protanomaly
4D5B55

Deuteranomaly
505A59

Tritanomaly
376062

Monochromacy



Original Color
346158

Achromatopsia
535353

Achromatomaly
485855

CSS Examples

Text

The CSS property to change the color of the text to Hex 346158 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 #346158 looks like.

```
.text, #text, p{  
    color:#346158  
}
```

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 #346158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346158  
}
```

Border

The CSS property to change the border of an element to Hex 346158 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  
#346158 }
```

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

```
.border{ border-color:#346158 }
```

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

Here you see how a box with a 4 pixel #346158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346158; -webkit-box-shadow:4px 4px  
4px 4px #346158; box-shadow:4px 4px 4px  
4px #346158 }
```

Background

The CSS property to change the background color of an element to Hex 346158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346158 }
```

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

```
.background{ background-color:#346158 }
```

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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