

Converting Colors

Hex(346259)

Have a look what the booklet for
Hex(346259) contains.

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Color

Hex(346259)

Conversions

Conversions Part 1

Format	Color
Hex	346259
RGB	52, 98, 89
RGB Percent	20%, 38%, 35%
CMY	0.7961, 0.6157, 0.6510
CMYK	0.47, 0.00, 0.09, 0.62
HSL	168°, 31%, 29%
HSV	168°, 47%, 38%
XYZ	7.5870, 10.1867, 11.0175
YIQ	83.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

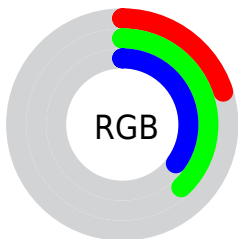
Format	Color
RYB	52, 77, 98
Decimal	3433049
CIELab	38.18, -18.23, 0.21
CIELCh	38, 18.231, 179.345
Yxy	10.1867, 0.2635, 0.3538
Android (android.graphics.Color)	4281623129 (0xFF346259)
YUV	83.2200, 2.8495, -27.3799
Hunter-Lab	31.9166, -13.4221, 1.8748

Details

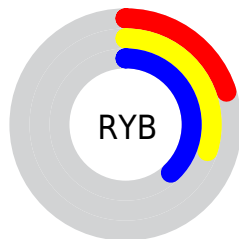
The Hex color **346259** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62343D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **66958B**, and **00332C** is the 20% darker color. If you saturate the color by 10%, you get **2A6257**, and if you desaturate by 10%, it is **3E625B**.

Distribution



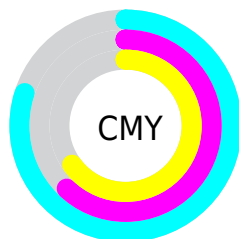
- Red (20%)
- Green (38%)
- Blue (35%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 346259 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 346259 by changing the saturation by 10% instead.



346259



346259

FFFFFF



1B4A42



66958B



00332C



80B0A5



001F17



9ACBC0



000000



B5E7DC



D1FFF9



EEFFFF



346259



346259



2A6257



3E625B

■ 206255

■ 48625D

■ 176253

■ 51625F

■ 0D6251

■ 5B6261

■ 03624F

■ 656263

■ 00624F

■ 6F6265

■ 796266

■ 826268

■ 8C626A

Harmonies

Analogous

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



44614A



346259



2B6268

Triad

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



346259



5C5674



715441

Complementary

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



346259



62343D

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.



77504C



346259



6C5169

Square

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



346259



465B77



764F5B



65593C

Rectangle

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



346259



2F6070



764F5B



745244

Sweetspot

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



346259



6E807C



3D6234



35403E



BFBFBF



404040

Same Dimension

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



346259



388072



345462



2C3030



00705A



00F0C1

Inverse Universe

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



62343D



803846



624234



302C2D



700016



F0002F

Previews

White Background



This preview shows how the Hex color 346259 looks on a white background.

Color Contrast Check

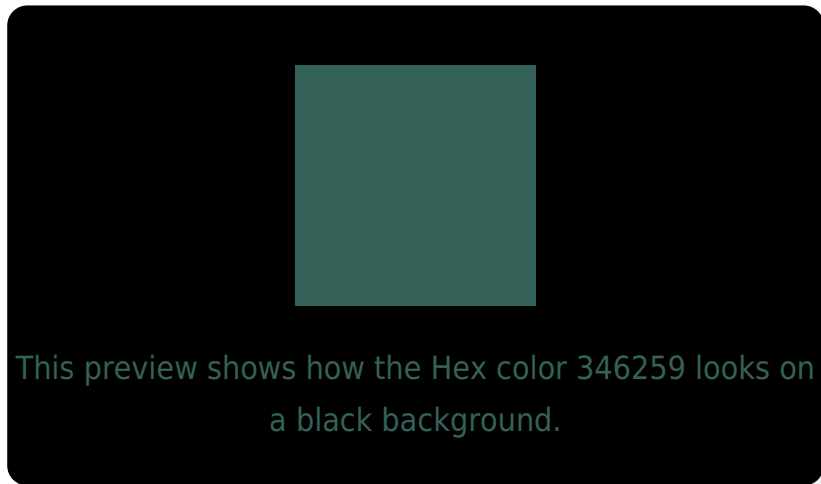
Large Text (above 18pt) WCAG AA ✓ Pass

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

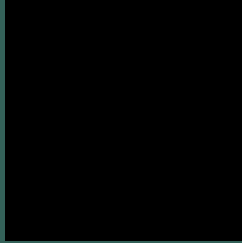
Any Text WCAG AA × Fail

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 346259 Background



This preview shows how black text looks on a background with the Hex color 346259.



This preview shows how white text looks on a background with the Hex color 346259.

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
346259

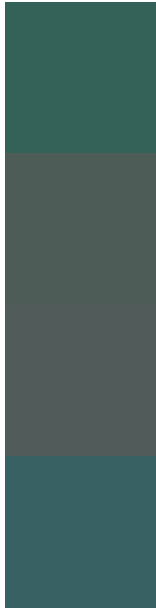
Protanopia
5C5954

Deuteranopia
61575B



Tritanopia
386068

Trichromacy



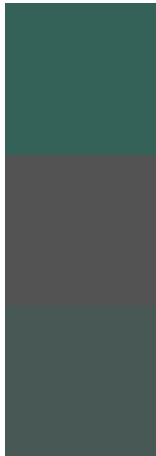
Original Color
346259

Protanomaly
4D5C56

Deuteranomaly
515B5A

Tritanomaly
376163

Monochromacy



Original Color
346259

Achromatopsia
535353

Achromatomaly
485855

CSS Examples

Text

The CSS property to change the color of the text to Hex 346259 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 #346259 looks like.

```
.text, #text, p{  
    color:#346259  
}
```

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 #346259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346259
}
```

Border

The CSS property to change the border of an element to Hex 346259 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
#346259 }
```

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

```
.border{ border-color:#346259 }
```

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

Here you see how a box with a 4 pixel #346259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346259; -webkit-box-shadow:4px 4px  
4px 4px #346259; box-shadow:4px 4px 4px  
4px #346259 }
```

Background

The CSS property to change the background color of an element to Hex 346259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346259 }
```

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

```
.background{ background-color:#346259 }
```

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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