

Converting Colors

Hex(346559)

Have a look what the booklet for
Hex(346559) contains.

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Color

Hex(346559)

Conversions

Conversions Part 1

Format	Color
Hex	346559
RGB	52, 101, 89
RGB Percent	20%, 40%, 35%
CMY	0.7961, 0.6039, 0.6510
CMYK	0.49, 0.00, 0.12, 0.60
HSL	165°, 32%, 30%
HSV	165°, 49%, 40%
XYZ	7.8730, 10.7587, 11.1129
YIQ	84.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

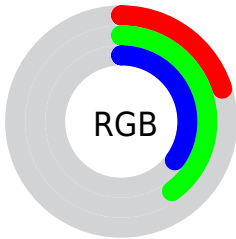
Format	Color
RYB	52, 80, 101
Decimal	3433817
CIELab	39.17, -19.85, 1.66
CIElCh	39, 19.918, 175.229
Yxy	10.7587, 0.2647, 0.3617
Android (android.graphics.Color)	4281623897 (0xFF346559)
YUV	84.9810, 1.9814, -28.9243
Hunter-Lab	32.8004, -14.5558, 2.8727

Details

The Hex color **346559** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653440**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **66988B**, and **00362C** is the 20% darker color. If you saturate the color by 10%, you get **2A6557**, and if you desaturate by 10%, it is **3E655B**.

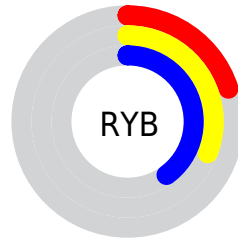
Distribution



Red (20%)

Green (40%)

Blue (35%)



Red (20%)

Yellow (31%)

Blue (40%)

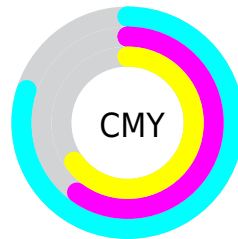


Cyan (49%)

Magenta (0%)

Yellow (12%)

Black (60%)



Cyan (80%)

Magenta (60%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346559 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 346559 by changing the saturation by 10% instead.



346559



346559

FFFFFF



1B4D42



66988B



00362C



80B3A5



002117



9BCFC0



000000



B6EBDC



D2FFF9



FFFFFF



346559



346559



2A6557



3E655B

■ 206554

■ 48655E

■ 166552

■ 526560

■ 0C654F

■ 5C6563

■ 02654D

■ 676565

■ 00654C

■ 716568

■ 7B656A

■ 85656D

■ 8F656F

Harmonies

Analogous

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



476349



346559



276569

Triad

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



346559



5B5979



765542

Complementary

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



346559



653440

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.



7C514F



346559



6E546F

Square

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



346559



435F7C



7A5060



6A5A3C

Rectangle

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



346559



296473



7A5060



795346

Sweetspot

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



346559



6F827D



406534



36423F



C2C2C2



424242

Same Dimension

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



346559



378270



345965



2E3332



007357



00F2B7

Inverse Universe

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



653440



823749



654034



332E2F



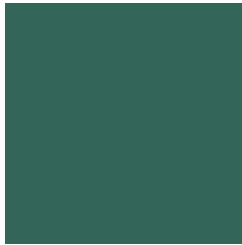
73001C



F2003B

Previews

White Background



This preview shows how the Hex color 346559 looks on a white background.

Color Contrast Check

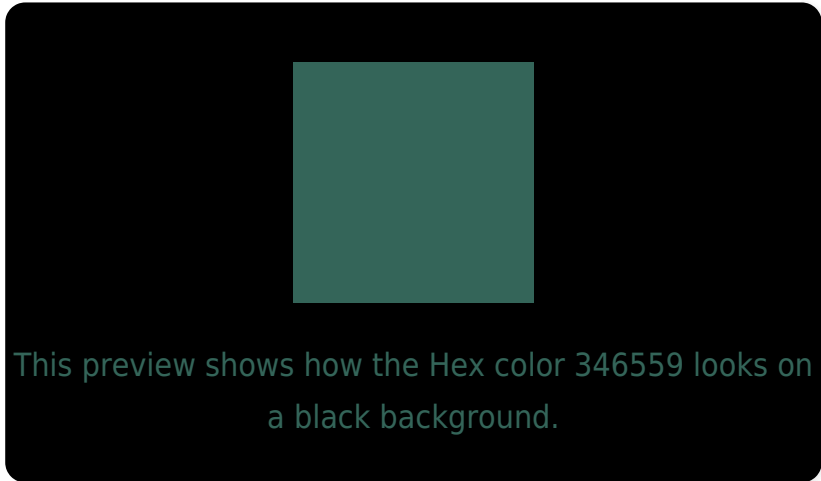
Large Text (above 18pt) WCAG AA ✓ Pass

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

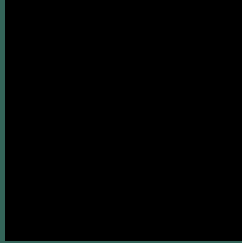
Any Text WCAG AA × Fail

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 346559 Background



This preview shows how black text looks on a background with the Hex color 346559.



This preview shows how white text looks on a background with the Hex color 346559.

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
346559

Protanopia
5F5C54

Deuteranopia
65595C



Tritanopia
39626A

Trichromacy



Original Color
346559

Protanomaly
4F5F56

Deuteranomaly
535D5B

Tritanomaly
376364

Monochromacy



Original Color
346559

Achromatopsia
555555

Achromatomaly
495B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 346559 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 #346559 looks like.

```
.text, #text, p{  
    color:#346559  
}
```

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 #346559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346559
}
```

Border

The CSS property to change the border of an element to Hex 346559 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
#346559 }
```

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

```
.border{ border-color:#346559 }
```

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

Here you see how a box with a 4 pixel #346559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346559; -webkit-box-shadow:4px 4px  
4px 4px #346559; box-shadow:4px 4px 4px  
4px #346559 }
```

Background

The CSS property to change the background color of an element to Hex 346559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346559 }
```

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

```
.background{ background-color:#346559 }
```

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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