

Converting Colors

Hex(346556)

Have a look what the booklet for
Hex(346556) contains.

Hex(346556)	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(346556)

Conversions

Conversions Part 1

Format	Color
Hex	346556
RGB	52, 101, 86
RGB Percent	20%, 40%, 34%
CMY	0.7961, 0.6039, 0.6627
CMYK	0.49, 0.00, 0.15, 0.60
HSL	162°, 32%, 30%
HSV	162°, 49%, 40%
XYZ	7.7496, 10.7093, 10.4628
YIQ	84.6390, -24.3890, -15.0530

Conversions

Conversions Part 2

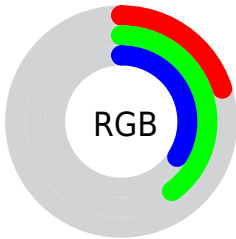
Format	Color
RYB	52, 81, 101
Decimal	3433814
CIELab	39.09, -20.63, 3.37
CIElCh	39, 20.903, 170.721
Yxy	10.7093, 0.2680, 0.3703
Android (android.graphics.Color)	4281623894 (0xFF346556)
YUV	84.6390, 0.6710, -28.6244
Hunter-Lab	32.7251, -14.9986, 3.9516

Details

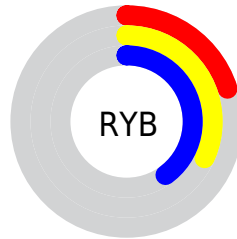
The Hex color **346556** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653443**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **669888**, and **003629** is the 20% darker color. If you saturate the color by 10%, you get **2A6553**, and if you desaturate by 10%, it is **3E6559**.

Distribution



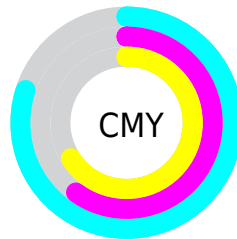
- Red (20%)
- Green (40%)
- Blue (34%)



- Red (20%)
- Yellow (32%)
- Blue (40%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346556 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 346556 by changing the saturation by 10% instead.



346556



346556

FFFFFF



1B4D3F



669888



003629



80B3A2



002115



9ACFBD



000000



B6EBD9



D2FFF5



EEFFFF



346556



346556



2A6553



3E6559

■ 206550

■ 48655C

■ 16654D

■ 52655F

■ 0C654A

■ 5C6562

■ 026547

■ 676565

■ 006546

■ 716569

■ 7B656C

■ 85656F

■ 8F6572

Harmonies

Analogous

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



486346



346556



246567

Triad

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



346556



575A7C



795442

Complementary

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



346556



653443

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.



7E5051



346556



6C5472

Square

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



346556



3D5F7D



7A5062



6D593B

Rectangle

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



346556



236472



7A5062



7B5247

Sweetspot

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



346556



6F827C



446534



36423F



C2C2C2



424242

Same Dimension

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



346556



37826B



345C65



2E3331



007350



00F2A8

Inverse Universe

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



653443



82374E



653D34



332E2F



730023



F2004A

Previews

White Background



This preview shows how the Hex color 346556 looks on a white background.

Color Contrast Check

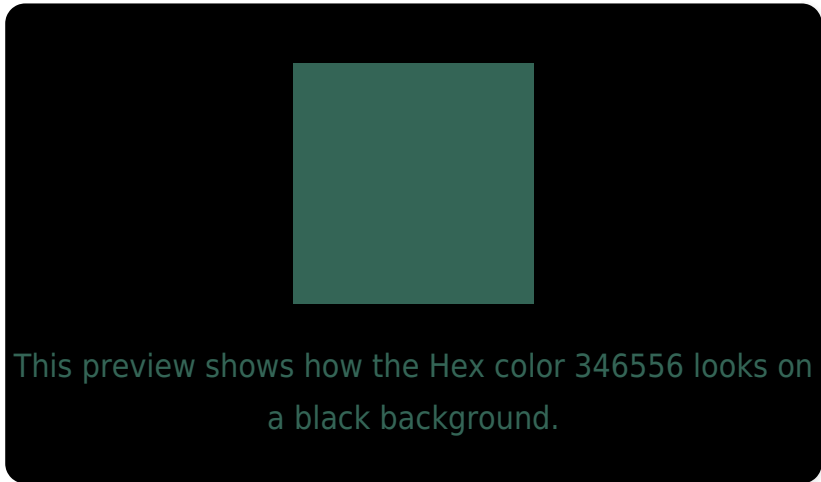
Large Text (above 18pt) WCAG AA ✓ Pass

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

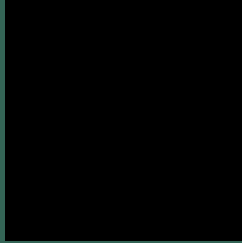
Any Text WCAG AA × Fail

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 346556 Background



This preview shows how black text looks on a background with the Hex color 346556.



This preview shows how white text looks on a background with the Hex color 346556.

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
346556

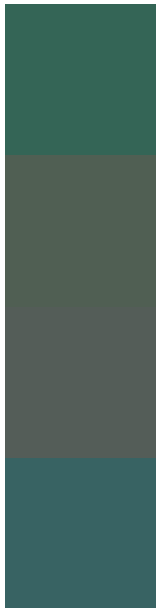
Protanopia
605B51

Deuteranopia
665959



Tritanopia
3A626A

Trichromacy



Original Color
346556

Protanomaly
505F53

Deuteranomaly
545D58

Tritanomaly
386363

Monochromacy



Original Color
346556

Achromatopsia
555555

Achromatomaly
495B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 346556 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 #346556 looks like.

```
.text, #text, p{  
    color:#346556  
}
```

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 #346556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346556
}
```

Border

The CSS property to change the border of an element to Hex 346556 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
#346556 }
```

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

```
.border{ border-color:#346556 }
```

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

Here you see how a box with a 4 pixel #346556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346556; -webkit-box-shadow:4px 4px  
4px 4px #346556; box-shadow:4px 4px 4px  
4px #346556 }
```

Background

The CSS property to change the background color of an element to Hex 346556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346556 }
```

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

```
.background{ background-color:#346556 }
```

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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