

Converting Colors

Hex(345A56)

Have a look what the booklet for
Hex(345A56) contains.

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Color

Hex(345A56)

Conversions

Conversions Part 1

Format	Color
Hex	345A56
RGB	52, 90, 86
RGB Percent	20%, 35%, 34%
CMY	0.7961, 0.6471, 0.6627
CMYK	0.42, 0.00, 0.04, 0.65
HSL	174°, 27%, 28%
HSV	174°, 42%, 35%
XYZ	6.7521, 8.7143, 10.1303
YIQ	78.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

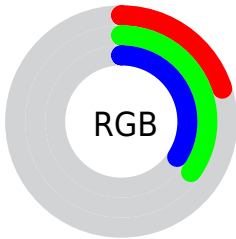
Format	Color
RYB	52, 72, 90
Decimal	3430998
CIELab	35.43, -14.59, -1.96
CIElCh	35, 14.725, 187.633
Yxy	8.7143, 0.2638, 0.3404
Android (android.graphics.Color)	4281621078 (0xFF345A56)
YUV	78.1820, 3.8543, -22.9616
Hunter-Lab	29.5200, -10.8319, 0.3176




Details

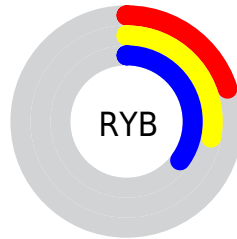
The Hex color **345A56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3438**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **658C88**, and **032C29** is the 20% darker color. If you saturate the color by 10%, you get **2B5A55**, and if you desaturate by 10%, it is **3D5A57**.

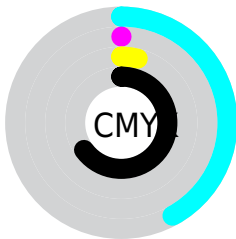
Distribution







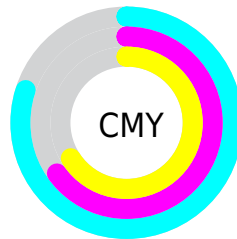
-  Red (20%)
-  Green (35%)
-  Blue (34%)






-  Red (20%)
-  Yellow (28%)
-  Blue (35%)



-  Cyan (42%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (65%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345A56 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 345A56 by changing the saturation by 10% instead.

■ 345A56

■ 345A56

FFFFFF

■ 1C423F

■ 658C88

■ 032C29

■ 7FA7A2

■ 001915

■ 99C2BD

■ 000000

■ B4DED9

■ D0FAF5

■ ECFFFF

■ 345A56

■ 345A56

■ 2B5A55

■ 3D5A57

■ 225A54

■ 465A58

■ 195A53

■ 4F5A59

■ 105A52

■ 585A5A

■ 075A51

■ 615A5B

■ 005A51

■ 6A5A5C

■ 735A5D

■ 7C5A5E

■ 855A5F

Harmonies

Analogous

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



3F594A



345A56



315961

Triad

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



345A56



594F66



64503E

Complementary

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



345A56



5A3438

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.



6A4C46



345A56



654C5D

Square

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



345A56



49536A



6B4B51



59543C

Rectangle

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



345A56



365867



6B4B51



664E40

Sweetspot

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



345A56



667574



385A34



313B3A



BABABA



3B3B3B

Same Dimension

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



345A56



39756F



344B5A



292E2D



006E62



00EDD4

Inverse Universe

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



5A3438



753940



5A4334



2E292A



6E000C



ED0019

Previews

White Background



This preview shows how the Hex color 345A56 looks on a white background.

Color Contrast Check

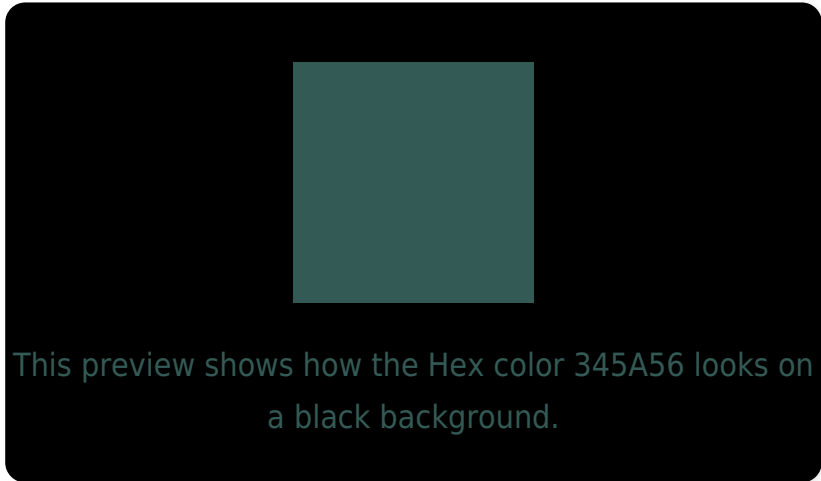
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

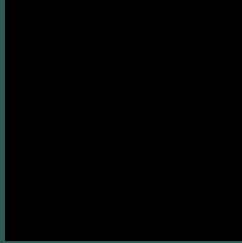
Any Text WCAG AA × Fail

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 345A56 Background



This preview shows how black text looks on a background with the Hex color 345A56.

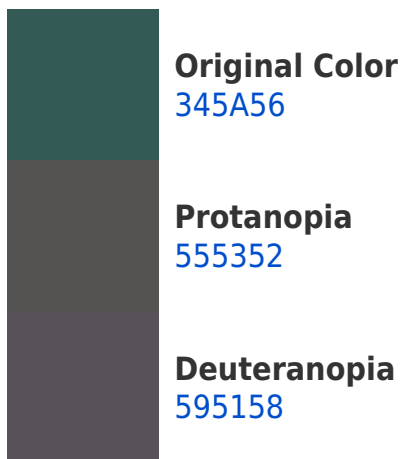



This preview shows how white text looks on a background with the Hex color 345A56.

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](#).

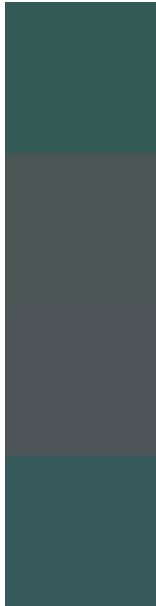
Dichromacy





Tritanopia
375960

Trichromacy



Original Color
345A56

Protanomaly
495653

Deuteranomaly
4C5457

Tritanomaly
36595C

Monochromacy



Original Color
345A56

Achromatopsia
4E4E4E

Achromatomaly
455251

CSS Examples

Text

The CSS property to change the color of the text to Hex 345A56 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 #345A56 looks like.

```
.text, #text, p{  
    color:#345A56  
}
```

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 #345A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345A56
}
```

Border

The CSS property to change the border of an element to Hex 345A56 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
#345A56 }
```

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

```
.border{ border-color:#345A56 }
```

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

Here you see how a box with a 4 pixel #345A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345A56; -webkit-box-shadow:4px 4px  
4px 4px #345A56; box-shadow:4px 4px 4px  
4px #345A56 }
```

Background

The CSS property to change the background color of an element to Hex 345A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345A56 }
```

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

```
.background{ background-color:#345A56 }
```

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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