

Converting Colors

Hex(345C48)

Have a look what the booklet for
Hex(345C48) contains.

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Color

Hex(345C48)

Conversions

Conversions Part 1

Format	Color
Hex	345C48
RGB	52, 92, 72
RGB Percent	20%, 36%, 28%
CMY	0.7961, 0.6392, 0.7176
CMYK	0.43, 0.00, 0.22, 0.64
HSL	150°, 28%, 28%
HSV	150°, 43%, 36%
XYZ	6.4130, 8.8522, 7.5015
YIQ	77.7600, -17.4200, -14.7000

Conversions

Conversions Part 2

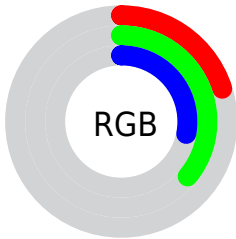
Format	Color
RYB	52, 79, 92
Decimal	3431496
CIELab	35.70, -19.28, 7.15
CIELCh	36, 20.565, 159.670
Yxy	8.8522, 0.2817, 0.3888
Android (android.graphics.Color)	4281621576 (0xFF345C48)
YUV	77.7600, -2.8397, -22.5915
Hunter-Lab	29.7527, -13.5926, 5.8781

Details

The Hex color **345C48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3448**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **658F78**, and **042E1D** is the 20% darker color. If you saturate the color by 10%, you get **2B5C43**, and if you desaturate by 10%, it is **3D5C4D**.

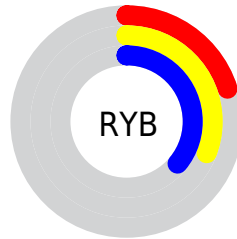
Distribution



Red (20%)

Green (36%)

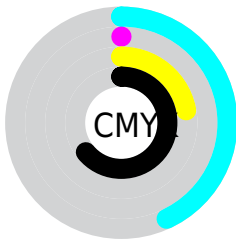
Blue (28%)



Red (20%)

Yellow (31%)

Blue (36%)

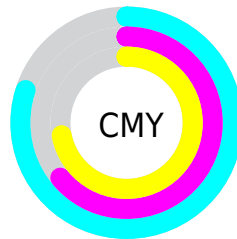


Cyan (43%)

Magenta (0%)

Yellow (22%)

Black (64%)



Cyan (80%)

Magenta (64%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345C48 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 345C48 by changing the saturation by 10% instead.



345C48



345C48

FFFFFF



1D4432



658F78



042E1D



7EA992



001B03



99C4AD



000000



B4E0C8



D0FDE4



ECFFFF



345C48



345C48



2B5C43



3D5C4D

■ 225C3F

■ 465C51

■ 185C3A

■ 505C56

■ 0F5C36

■ 595C5A

■ 065C31

■ 625C5F

■ 005C2E

■ 6B5C64

■ 745C68

■ 7E5C6D

■ 875C71

Harmonies

Analogous

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



48593A



345C48



215D59

Triad

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



345C48



465474



724A40

Complementary

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



345C48



5C3448

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.



74474F



345C48



5D4E6D

Square

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



345C48



2C5972



6D4960



694F35

Rectangle

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



345C48



195C64



6D4960



744945

Sweetspot

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



345C48



687870



485C34



333D38



BDBDBD



3D3D3D

Same Dimension

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



345C48



3A7859



345C5C



292E2C



006E37



00ED77

Inverse Universe

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



5C3448



783A59



5C3434



2E292C



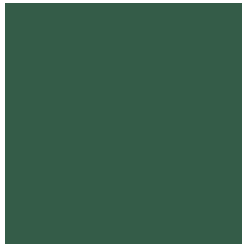
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 345C48 looks on a white background.

Color Contrast Check

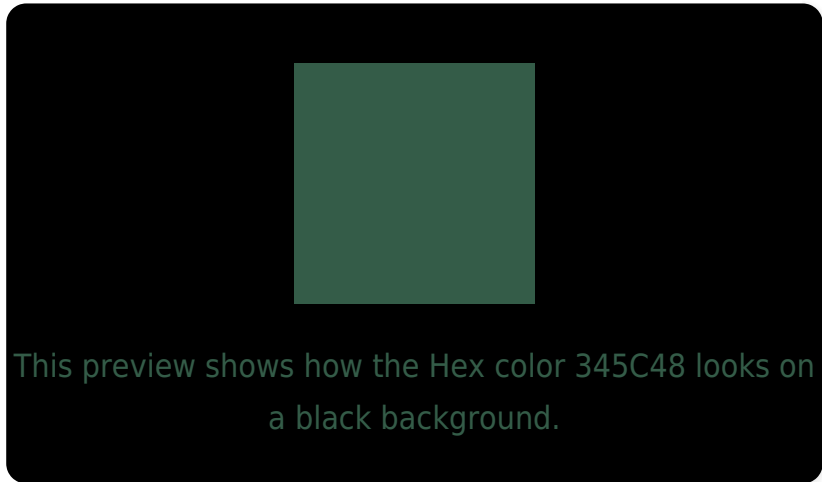
Large Text (above 18pt) WCAG AA ✓ Pass

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

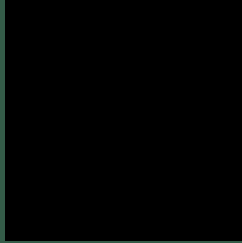
Any Text WCAG AA × Fail

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 345C48 Background



This preview shows how black text looks on a background with the Hex color 345C48.



This preview shows how white text looks on a background with the Hex color 345C48.

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
345C48

Protanopia
595344

Deuteranopia
5F514A



Tritanopia
3A5960

Trichromacy



Original Color
345C48

Protanomaly
4C5645

Deuteranomaly
4F5549

Tritanomaly
385A57

Monochromacy



Original Color
345C48

Achromatopsia
4E4E4E

Achromatomaly
45534C

CSS Examples

Text

The CSS property to change the color of the text to Hex 345C48 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 #345C48 looks like.

```
.text, #text, p{  
    color:#345C48  
}
```

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 #345C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345C48  
}
```

Border

The CSS property to change the border of an element to Hex 345C48 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  
#345C48 }
```

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

```
.border{ border-color:#345C48 }
```

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

Here you see how a box with a 4 pixel #345C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345C48; -webkit-box-shadow:4px 4px  
4px 4px #345C48; box-shadow:4px 4px 4px  
4px #345C48 }
```

Background

The CSS property to change the background color of an element to Hex 345C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345C48 }
```

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

```
.background{ background-color:#345C48 }
```

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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