

Converting Colors

Hex(345C4D)

Have a look what the booklet for
Hex(345C4D) contains.

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Color

Hex(345C4D)

Conversions

Conversions Part 1

Format	Color
Hex	345C4D
RGB	52, 92, 77
RGB Percent	20%, 36%, 30%
CMY	0.7961, 0.6392, 0.6980
CMYK	0.43, 0.00, 0.16, 0.64
HSL	158°, 28%, 28%
HSV	158°, 43%, 36%
XYZ	6.5829, 8.9202, 8.3960
YIQ	78.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

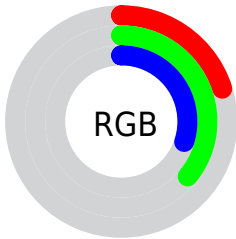
Format	Color
RYB	52, 77, 92
Decimal	3431501
CIELab	35.83, -18.07, 4.24
CIElCh	36, 18.561, 166.810
Yxy	8.9202, 0.2754, 0.3732
Android (android.graphics.Color)	4281621581 (0xFF345C4D)
YUV	78.3300, -0.6557, -23.0914
Hunter-Lab	29.8667, -12.9237, 4.2393

Details

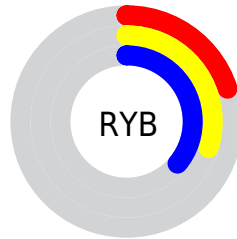
The Hex color **345C4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3443**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **658E7E**, and **042E21** is the 20% darker color. If you saturate the color by 10%, you get **2B5C4A**, and if you desaturate by 10%, it is **3D5C50**.

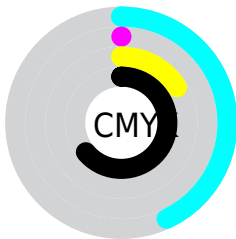
Distribution



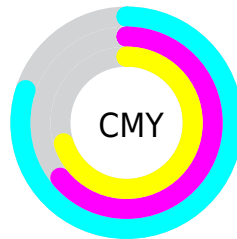
- Red (20%)
- Green (36%)
- Blue (30%)



- Red (20%)
- Yellow (30%)
- Blue (36%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345C4D 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 345C4D by changing the saturation by 10% instead.

 345C4D

 345C4D

FFFFFF

 1C4436

 658E7E

 042E21

 7EA998

 001A0A

 99C4B3

 000000

 B4E0CE

 D0FDEA

 ECFFFF

 345C4D

 345C4D

 2B5C4A

 3D5C50

■ 225C46

■ 465C54

■ 185C43

■ 505C57

■ 0F5C3F

■ 595C5B

■ 065C3C

■ 625C5E

■ 005C3A

■ 6B5C62

■ 745C65

■ 7E5C69

■ 875C6C

Harmonies

Analogous

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



455A40



345C4D



265C5C

Triad

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



345C4D



4D5371



6F4C3F

Complementary

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



345C4D



5C3443

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.



72494C



345C4D



614E69

Square

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



345C4D



375871



6D4A5B



655138

Rectangle

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



345C4D



245C66



6D4A5B



714B43

Sweetspot

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



345C4D



687872



435C34



333D3A



BDBDBD



3D3D3D

Same Dimension

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



345C4D



3A7860



34575C



292E2C



006E45



00ED94

Inverse Universe

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



5C3443



783A51



5C3934



2E292B



6E0029



ED0059

Previews

White Background



This preview shows how the Hex color 345C4D looks on a white background.

Color Contrast Check

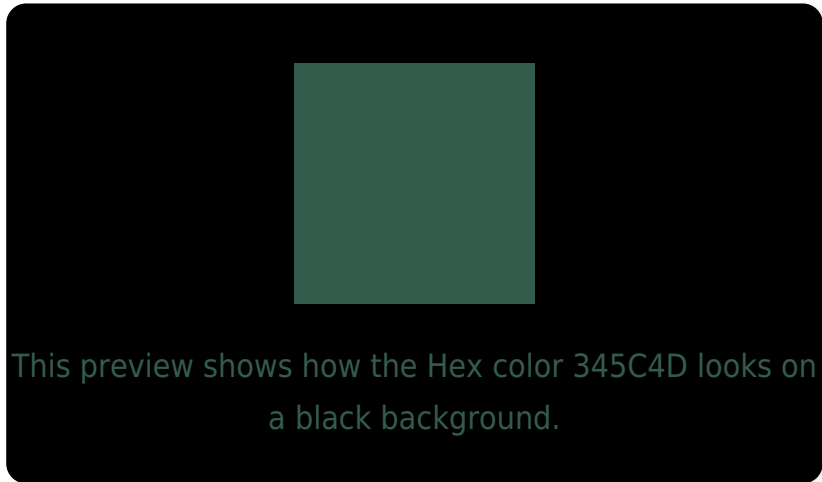
Large Text (above 18pt) WCAG AA ✓ Pass

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

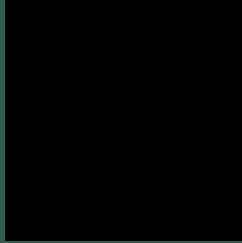
Any Text WCAG AA × Fail

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 345C4D Background



This preview shows how black text looks on a background with the Hex color 345C4D.



This preview shows how white text looks on a background with the Hex color 345C4D.

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
345C4D

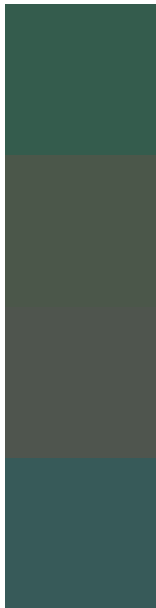
Protanopia
585449

Deuteranopia
5E514F



Tritanopia
395960

Trichromacy



Original Color
345C4D

Protanomaly
4B574A

Deuteranomaly
4F554E

Tritanomaly
375A59

Monochromacy



Original Color
345C4D

Achromatopsia
4E4E4E

Achromatomaly
45534E

CSS Examples

Text

The CSS property to change the color of the text to Hex 345C4D 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 #345C4D looks like.

```
.text, #text, p{  
    color:#345C4D  
}
```

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 #345C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345C4D
}
```

Border

The CSS property to change the border of an element to Hex 345C4D 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
#345C4D }
```

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

```
.border{ border-color:#345C4D }
```

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

Here you see how a box with a 4 pixel #345C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345C4D; -webkit-box-shadow:4px 4px  
4px 4px #345C4D; box-shadow:4px 4px 4px  
4px #345C4D }
```

Background

The CSS property to change the background color of an element to Hex 345C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345C4D }
```

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

```
.background{ background-color:#345C4D }
```

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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