

Converting Colors

Hex(345734)

Have a look what the booklet for
Hex(345734) contains.

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Color

Hex(345734)

Conversions

Conversions Part 1

Format	Color
Hex	345734
RGB	52, 87, 52
RGB Percent	20%, 34%, 20%
CMY	0.7961, 0.6588, 0.7961
CMYK	0.40, 0.00, 0.40, 0.66
HSL	120°, 25%, 27%
HSV	120°, 40%, 34%
XYZ	5.4442, 7.7944, 4.4663
YIQ	72.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

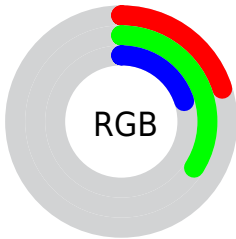
Format	Color
RYB	52, 87, 87
Decimal	3430196
CIELab	33.55, -20.84, 16.46
CIELCh	34, 26.557, 141.706
Yxy	7.7944, 0.3075, 0.4402
Android (android.graphics.Color)	4281620276 (0xFF345734)
YUV	72.5450, -10.1287, -18.0180
Hunter-Lab	27.9184, -14.0491, 10.0578

Details

The Hex color **345734** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573457**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **648963**, and **062907** is the 20% darker color. If you saturate the color by 10%, you get **2B572B**, and if you desaturate by 10%, it is **3D573D**.

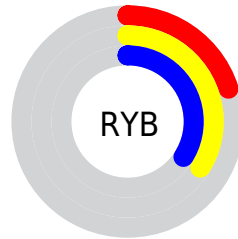
Distribution



 Red (20%)

 Green (34%)

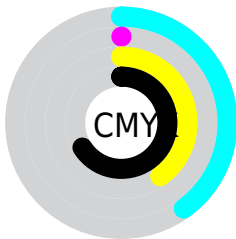
 Blue (20%)




 Red (20%)

 Yellow (34%)

 Blue (34%)

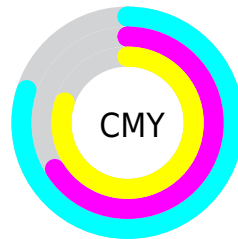


 Cyan (40%)


 Magenta (0%)

 Yellow (40%)

 Black (66%)



 Cyan (80%)

 Magenta (66%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345734 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 345734 by changing the saturation by 10% instead.

■ 345734

■ 345734

FFFFFF

■ 1D3F1E

■ 648963

■ 062907

■ 7EA47C

■ 001500

■ 98BF96

■ 000000

■ B3DBB1

■ CFF7CC

■ EBF FE8

■ 345734

■ 345734

■ 2B572B

■ 3D573D

■ 235723

■ 455745

■ 1A571A

■ 4E574E

■ 115711

■ 575757

■ 095709

■ 605760

■ 005700

■ 685768

■ 715771

■ 7A577A

■ 825782

Harmonies

Analogous

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



4D5227



345734



105948

Triad

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



345734



1E5378



773F40

Complementary

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



345734



573457

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.



733E56



345734



484C76

Square

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



345734



00586F



634469



70442F

Rectangle

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



345734



005A57



634469



773E47

Sweetspot

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



345734



637063



575734



303830



B8B8B8



383838

Same Dimension

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



345734



3A703A



345746



272B27



006B00



00EB00

Inverse Universe

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



573457



703A70



573446



2B272B



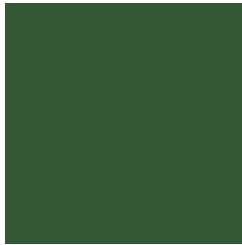
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 345734 looks on a white background.

Color Contrast Check

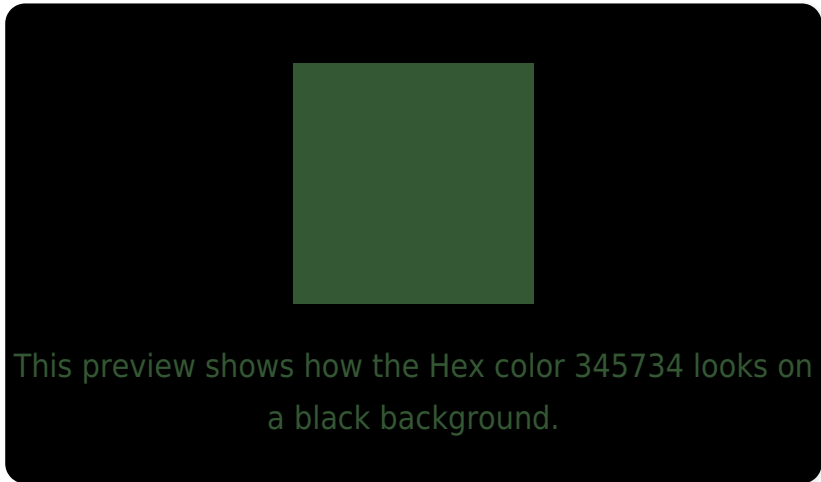
Large Text (above 18pt) WCAG AA ✓ Pass

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

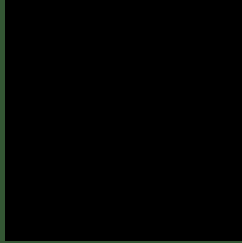
Any Text WCAG AA × Fail

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 345734 Background



This preview shows how black text looks on a background with the Hex color 345734.



This preview shows how white text looks on a background with the Hex color 345734.

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
345734

Protanopia
564F31

Deuteranopia
5E4B37



Tritanopia
3B5359

Trichromacy



Original Color
345734

Protanomaly
4A5232

Deuteranomaly
4F4F36

Tritanomaly
38544C

Monochromacy



Original Color
345734

Achromatopsia
494949

Achromatomaly
414E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 345734 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 #345734 looks like.

```
.text, #text, p{  
    color:#345734  
}
```

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 #345734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345734
}
```

Border

The CSS property to change the border of an element to Hex 345734 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
#345734 }
```

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

```
.border{ border-color:#345734 }
```

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

Here you see how a box with a 4 pixel #345734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345734; -webkit-box-shadow:4px 4px  
4px 4px #345734; box-shadow:4px 4px 4px  
4px #345734 }
```

Background

The CSS property to change the background color of an element to Hex 345734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345734 }
```

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

```
.background{ background-color:#345734 }
```

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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