

Converting Colors

Hex(345418)

Have a look what the booklet for
Hex(345418) contains.

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Color

Hex(345418)

Conversions

Conversions Part 1

Format	Color
Hex	345418
RGB	52, 84, 24
RGB Percent	20%, 33%, 9%
CMY	0.7961, 0.6706, 0.9059
CMYK	0.38, 0.00, 0.71, 0.67
HSL	92°, 56%, 21%
HSV	92°, 71%, 33%
XYZ	4.7514, 7.1367, 1.9912
YIQ	67.5920, 0.1880, -25.4440

Conversions

Conversions Part 2

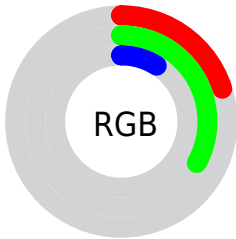
Format	Color
R_{YB}	24, 84, 56
Decimal	3429400
CIE _{Lab}	32.12, -23.21, 30.27
CIE _{LCh}	32, 38.139, 127.481
Yxy	7.1367, 0.3423, 0.5142
Android (android.graphics.Color)	4281619480 (0xFF345418)
YUV	67.5920, -21.4909, -13.6742
Hunter-Lab	26.7145, -15.0029, 14.2808

Details

The Hex color **345418** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **381854**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **658647**, and **042700** is the 20% darker color. If you saturate the color by 10%, you get **305410**, and if you desaturate by 10%, it is **385420**.

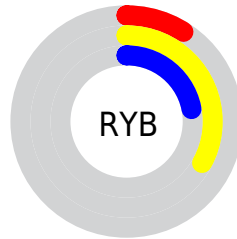
Distribution



 Red (20%)

 Green (33%)

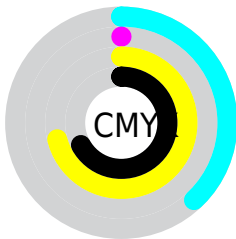
 Blue (9%)




 Red (9%)

 Yellow (33%)

 Blue (22%)

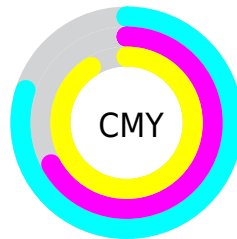


 Cyan (38%)

 Magenta (0%)

 Yellow (71%)

 Black (67%)



 Cyan (80%)

 Magenta (67%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345418 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 345418 by changing the saturation by 10% instead.

 345418

 345418

FFFFFF

 1C3D00

 658647

 042700

 7FA05F

 000E00

 9ABB78

 000000

 B5D792

 D1F4AD

 EDFFC9

 FFFF E5

 345418

 345418

■ 305410

■ 385420

■ 2B5407

■ 3D5429

■ 275400

■ 415431

■ 46543A

■ 4A5442

■ 4F544A

■ 535453

■ 58545B

■ 5C5464

Harmonies

Analogous

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



544D07



345418



005833

Triad

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



345418



005583



822F45

Complementary

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



345418



381854

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.



753463



345418



134D87

Square

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



345418



00596F



56407B



7D3529

Rectangle

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



345418



005A48



56407B



7F2F4F

Sweetspot

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



345418



616E57



543818



31382A



B8B8B8



383838

Same Dimension

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



345418



3B6E0F



18541A



272925



316900



6CE800

Inverse Universe

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



381854



420F6E



541852



272529



380069



7C00E8

Previews

White Background



This preview shows how the Hex color 345418 looks on a white background.

Color Contrast Check

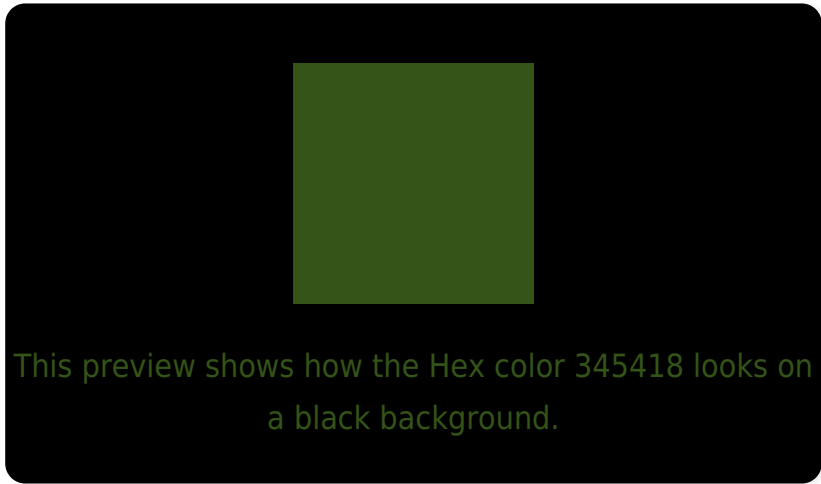
Large Text (above 18pt) WCAG AA ✓ Pass

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

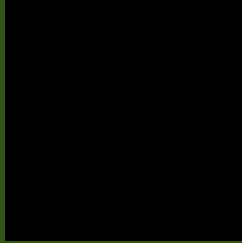
Any Text WCAG AA × Fail

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 345418 Background



This preview shows how black text looks on a background with the Hex color 345418.



This preview shows how white text looks on a background with the Hex color 345418.

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
345418

Protanopia
554C16

Deuteranopia
5E481D



Tritanopia
3D4E55

Trichromacy



Original Color
345418

Protanomaly
494F17

Deuteranomaly
4F4C1B

Tritanomaly
3A503F

Monochromacy



Original Color
345418

Achromatopsia
444444

Achromatomaly
3E4A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 345418 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 #345418 looks like.

```
.text, #text, p{  
    color:#345418  
}
```

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 #345418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345418
}
```

Border

The CSS property to change the border of an element to Hex 345418 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
#345418 }
```

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

```
.border{ border-color:#345418 }
```

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

Here you see how a box with a 4 pixel #345418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345418; -webkit-box-shadow:4px 4px  
4px 4px #345418; box-shadow:4px 4px 4px  
4px #345418 }
```

Background

The CSS property to change the background color of an element to Hex 345418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345418 }
```

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

```
.background{ background-color:#345418 }
```

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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