

Converting Colors

Hex(345B1B)

Have a look what the booklet for
Hex(345B1B) contains.

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Color

Hex(345B1B)

Conversions

Conversions Part 1

Format	Color
Hex	345B1B
RGB	52, 91, 27
RGB Percent	20%, 36%, 11%
CMY	0.7961, 0.6431, 0.8941
CMYK	0.43, 0.00, 0.70, 0.64
HSL	97°, 54%, 23%
HSV	97°, 70%, 36%
XYZ	5.3551, 8.2914, 2.3551
YIQ	72.0430, -2.7000, -28.1720

Conversions

Conversions Part 2

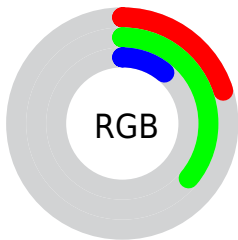
Format	Color
RYB	27, 91, 66
Decimal	3431195
CIELab	34.58, -26.35, 31.49
CIElCh	35, 41.056, 129.921
Yxy	8.2914, 0.3347, 0.5182
Android (android.graphics.Color)	4281621275 (0xFF345B1B)
YUV	72.0430, -22.2062, -17.5777
Hunter-Lab	28.7947, -17.1943, 15.3071

Details

The Hex color **345B1B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **421B5B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **668E4A**, and **022D00** is the 20% darker color. If you saturate the color by 10%, you get **2E5B12**, and if you desaturate by 10%, it is **3A5B24**.

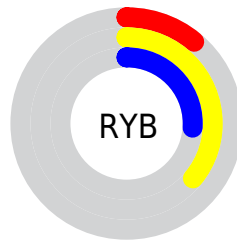
Distribution



Red (20%)

Green (36%)

Blue (11%)



Red (11%)

Yellow (36%)

Blue (26%)

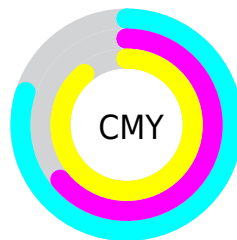


Cyan (43%)

Magenta (0%)

Yellow (70%)

Black (64%)



Cyan (80%)

Magenta (64%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345B1B 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 345B1B by changing the saturation by 10% instead.

 345B1B

 345B1B

FFFFFF

 1B4302

 668E4A

 022D00

 80A863

 001900

 9BC37C

 000000

 B6DF96

 D2FCB1

 EFFFCD

 FFFFEA

 345B1B

 345B1B

■ 2E5B12

■ 3A5B24

■ 295B09

■ 3F5B2D

■ 245B00

■ 455B36

■ 4A5B3F

■ 505B49

■ 555B52

■ 5B5B5B

■ 605B64

■ 665B6D

Harmonies

Analogous

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



585306



345B1B



005F3A

Triad

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



345B1B



005B8F



8C3148

Complementary

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



345B1B



421B5B

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.



813668



345B1B



1D5192

Square

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



345B1B



00607B



614484



863A29

Rectangle

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



345B1B



006150



614484



8A3153

Sweetspot

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



345B1B



66755D



5B411B



323B2C



BABABA



3B3B3B

Same Dimension

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



345B1B



397513



1B5B21



2B2E29



2B6E00



5DED00

Inverse Universe

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



421B5B



4F1375



5B1B55



2C292E



43006E



9100ED

Previews

White Background



This preview shows how the Hex color 345B1B looks on a white background.

Color Contrast Check

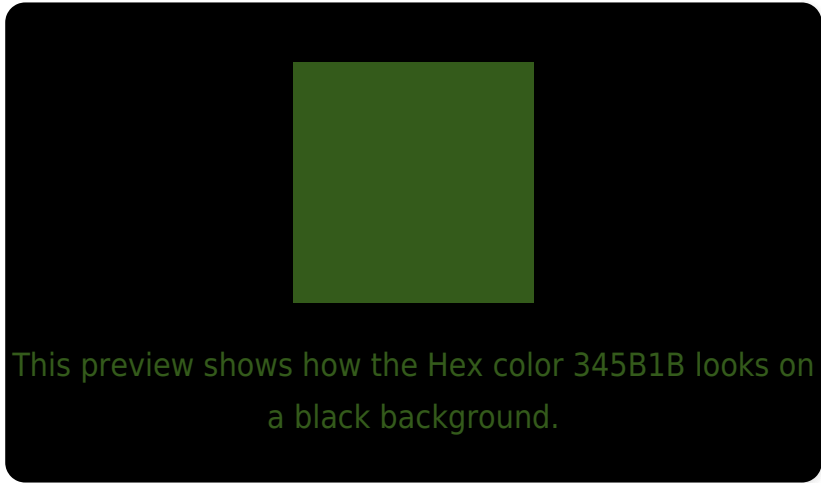
Large Text (above 18pt) WCAG AA ✓ Pass

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

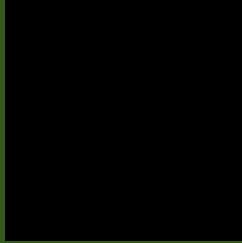
Any Text WCAG AA × Fail

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 345B1B Background



This preview shows how black text looks on a background with the Hex color 345B1B.



This preview shows how white text looks on a background with the Hex color 345B1B.

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](#).

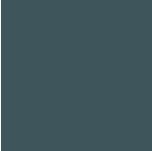
Dichromacy



Original Color
345B1B

Protanopia
5B5118

Deuteranopia
654D20



Tritanopia
3E555C

Trichromacy



Original Color
345B1B

Protanomaly
4D5519

Deuteranomaly
53521E

Tritanomaly
3A5744

Monochromacy



Original Color
345B1B

Achromatopsia
484848

Achromatomaly
414F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 345B1B 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 #345B1B looks like.

```
.text, #text, p{  
    color:#345B1B  
}
```

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 #345B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345B1B
}
```

Border

The CSS property to change the border of an element to Hex 345B1B 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
#345B1B }
```

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

```
.border{ border-color:#345B1B }
```

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

Here you see how a box with a 4 pixel #345B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345B1B; -webkit-box-shadow:4px 4px  
4px 4px #345B1B; box-shadow:4px 4px 4px  
4px #345B1B }
```

Background

The CSS property to change the background color of an element to Hex 345B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345B1B }
```

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

```
.background{ background-color:#345B1B }
```

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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