

Converting Colors

Hex(355B1C)

Have a look what the booklet for
Hex(355B1C) contains.

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Color

Hex(355B1C)

Conversions

Conversions Part 1

Format	Color
Hex	355B1C
RGB	53, 91, 28
RGB Percent	21%, 36%, 11%
CMY	0.7922, 0.6431, 0.8902
CMYK	0.42, 0.00, 0.69, 0.64
HSL	96°, 53%, 23%
HSV	96°, 69%, 36%
XYZ	5.4189, 8.3229, 2.4195
YIQ	72.4560, -2.4250, -27.6490

Conversions

Conversions Part 2

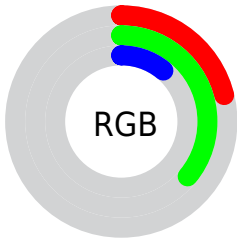
Format	Color
RYB	28, 91, 66
Decimal	3496732
CIELab	34.65, -25.86, 31.09
CIELCh	35, 40.445, 129.754
Yxy	8.3229, 0.3353, 0.5150
Android (android.graphics.Color)	4281686812 (0xFF355B1C)
YUV	72.4560, -21.9168, -17.0629
Hunter-Lab	28.8494, -16.9582, 15.2222

Details

The Hex color **355B1C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **421C5B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **678E4B**, and **042D00** is the 20% darker color. If you saturate the color by 10%, you get **305B13**, and if you desaturate by 10%, it is **3A5B25**.

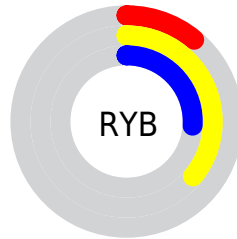
Distribution



Red (21%)

Green (36%)

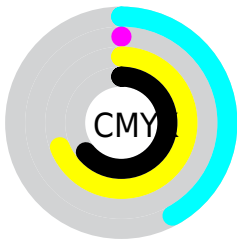
Blue (11%)



Red (11%)

Yellow (36%)

Blue (26%)

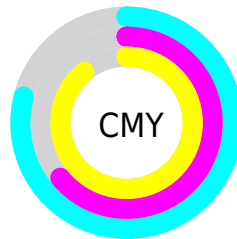


Cyan (42%)

Magenta (0%)

Yellow (69%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355B1C 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 355B1C by changing the saturation by 10% instead.

 355B1C

 355B1C

FFFFFF

 1D4303

 678E4B

 042D00

 81A864

 001900

 9BC37D

 000000

 B7DF97

 D3FCB2

 F0FFCE

 FFFFEB

 355B1C

 355B1C

■ 305B13

■ 3A5B25

■ 2A5B0A

■ 405B2E

■ 255B01

■ 455B37

■ 245B00

■ 4B5B40

■ 505B4A

■ 565B53

■ 5B5B5C

■ 615B65

■ 665B6E

Harmonies

Analogous

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



585308



355B1C



005F3A

Triad

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



355B1C



005B8E



8C3248

Complementary

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



355B1C



421C5B

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.



803768



355B1C



1F5291

Square

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



355B1C



00607A



604483



863B2A

Rectangle

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



355B1C



006150



604483



8A3253

Sweetspot

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



355B1C



66755D



5B421C



323B2C



BABABA



3B3B3B

Same Dimension

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



355B1C



3B7514



1C5B22



2B2E29



2C6E00



5EED00

Inverse Universe

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



421C5B



4F1475



5B1C55



2C292E



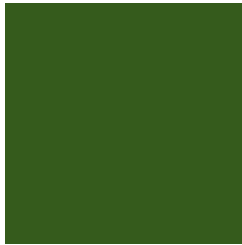
42006E



8F00ED

Previews

White Background



This preview shows how the Hex color 355B1C looks on a white background.

Color Contrast Check

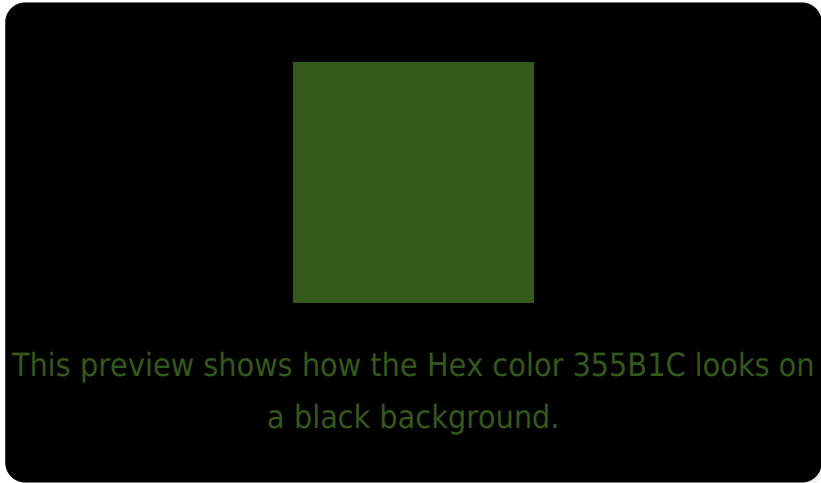
Large Text (above 18pt) WCAG AA ✓ Pass

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

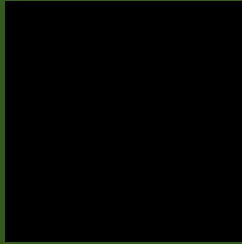
Any Text WCAG AA × Fail

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 355B1C Background



This preview shows how black text looks on a background with the Hex color 355B1C.



This preview shows how white text looks on a background with the Hex color 355B1C.

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](#).

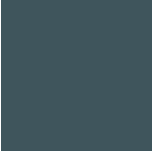
Dichromacy



Original Color
355B1C

Protanopia
5B5119

Deuteranopia
654D21



Tritanopia
3F555C

Trichromacy



Original Color
355B1C

Protanomaly
4D551A

Deuteranomaly
54521F

Tritanomaly
3B5745

Monochromacy



Original Color
355B1C

Achromatopsia
484848

Achromatomaly
414F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 355B1C 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 #355B1C looks like.

```
.text, #text, p{  
    color:#355B1C  
}
```

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 #355B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355B1C
}
```

Border

The CSS property to change the border of an element to Hex 355B1C 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
#355B1C }
```

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

```
.border{ border-color:#355B1C }
```

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

Here you see how a box with a 4 pixel #355B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355B1C; -webkit-box-shadow:4px 4px  
4px 4px #355B1C; box-shadow:4px 4px 4px  
4px #355B1C }
```

Background

The CSS property to change the background color of an element to Hex 355B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355B1C }
```

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

```
.background{ background-color:#355B1C }
```

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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