

Converting Colors

Hex(355B0F)

Have a look what the booklet for
Hex(355B0F) contains.

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Color

Hex(355B0F)

Conversions

Conversions Part 1

Format	Color
Hex	355B0F
RGB	53, 91, 15
RGB Percent	21%, 36%, 6%
CMY	0.7922, 0.6431, 0.9412
CMYK	0.42, 0.00, 0.84, 0.64
HSL	90°, 72%, 21%
HSV	90°, 84%, 36%
XYZ	5.2955, 8.2735, 1.7698
YIQ	70.9740, 1.7480, -31.6920

Conversions

Conversions Part 2

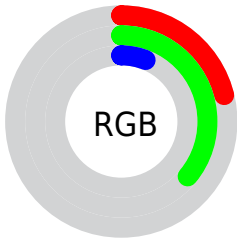
Format	Color
R_{YB}	15, 91, 53
Decimal	3496719
CIE _{Lab}	34.55, -26.90, 36.49
CIE _{LCh}	35, 45.333, 126.404
Yxy	8.2735, 0.3452, 0.5394
Android (android.graphics.Color)	4281686799 (0xFF355B0F)
YUV	70.9740, -27.5952, -15.7632
Hunter-Lab	28.7638, -17.4741, 16.4866

Details

The Hex color **355B0F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **350F5B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **688E40**, and **012D00** is the 20% darker color. If you saturate the color by 10%, you get **305B06**, and if you desaturate by 10%, it is **3A5B18**.

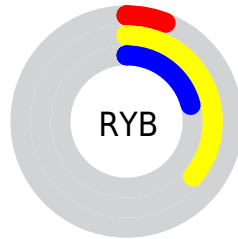
Distribution



Red (21%)

Green (36%)

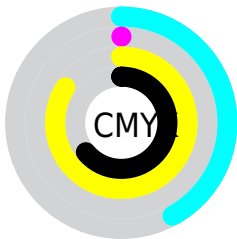
Blue (6%)



Red (6%)

Yellow (36%)

Blue (21%)

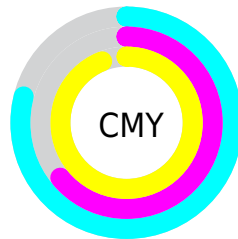


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (64%)



Cyan (79%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355B0F 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 355B0F by changing the saturation by 10% instead.



355B0F



355B0F



FFFFFFC



1D4300



688E40



012D00



82A859



001900



9DC372



000000



B8DF8D



D4FCA7



F1FFC3



FFFFDF



355B0F



355B0F

■ 305B06

■ 3A5B18

■ 2E5B00

■ 3E5B21

■ 435B2A

■ 475B33

■ 4C5B3D

■ 505B46

■ 555B4F

■ 595B58

■ 5E5B61

Harmonies

Analogous

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



5B5200



355B0F



006033

Triad

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



355B0F



005D93



912B4B

Complementary

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



355B0F



350F5B

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.



82336F



355B0F



005399

Square

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



355B0F



00617B



5C448C



8C3528

Rectangle

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



355B0F



00614C



5C448C



8E2C57

Sweetspot

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



355B0F



677558



5B350F



323B29



BABABA



3B3B3B

Same Dimension

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



355B0F



3B7500



0F5B0F



2C2E29



376E00



77ED00

Inverse Universe

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



350F5B



3B0075



5B0F5B



2C292E



37006E



7700ED

Previews

White Background



This preview shows how the Hex color 355B0F looks on a white background.

Color Contrast Check

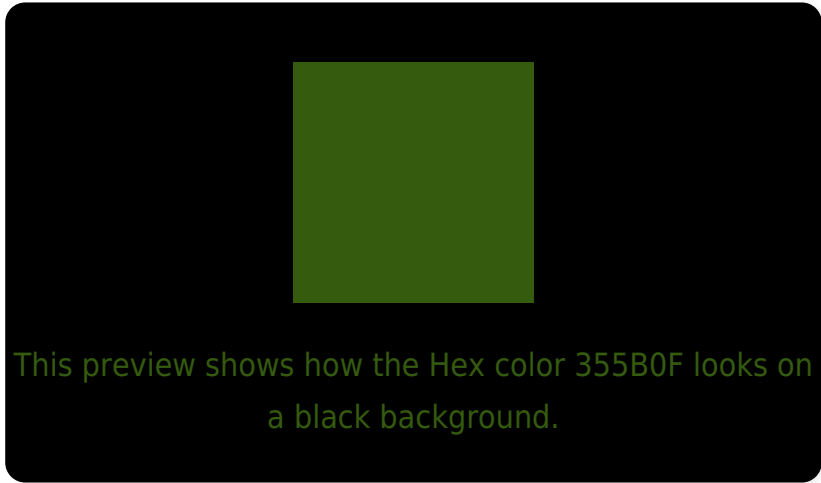
Large Text (above 18pt) WCAG AA ✓ Pass

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

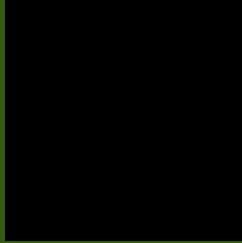
Any Text WCAG AA × Fail

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 355B0F Background



This preview shows how black text looks on a background with the Hex color 355B0F.



This preview shows how white text looks on a background with the Hex color 355B0F.

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
355B0F

Protanopia
5B510C

Deuteranopia
664D17



Tritanopia
3F555B

Trichromacy



Original Color
355B0F

Protanomaly
4D550D

Deuteranomaly
545214

Tritanomaly
3B573F

Monochromacy



Original Color
355B0F

Achromatopsia
474747

Achromatomaly
404E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 355B0F 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 #355B0F looks like.

```
.text, #text, p{  
    color:#355B0F  
}
```

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 #355B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355B0F
}
```

Border

The CSS property to change the border of an element to Hex 355B0F 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
#355B0F }
```

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

```
.border{ border-color:#355B0F }
```

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

Here you see how a box with a 4 pixel #355B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355B0F; -webkit-box-shadow:4px 4px  
4px 4px #355B0F; box-shadow:4px 4px 4px  
4px #355B0F }
```

Background

The CSS property to change the background color of an element to Hex 355B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355B0F }
```

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

```
.background{ background-color:#355B0F }
```

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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