

# Converting Colors

Hex(335E15)

Have a look what the booklet for  
Hex(335E15) contains.

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# Color

Hex(335E15)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	335E15
RGB	51, 94, 21
RGB Percent	20%, 37%, 8%
CMY	0.8000, 0.6314, 0.9176
CMYK	0.46, 0.00, 0.78, 0.63
HSL	95°, 63%, 23%
HSV	95°, 78%, 37%
XYZ	5.5033, 8.7634, 2.1109
YIQ	72.8210, -2.1950, -31.8190

# Conversions

## Conversions Part 2

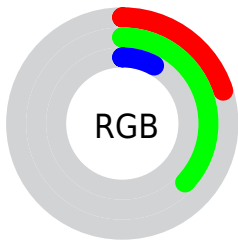
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 94, 64
Decimal	3366421
CIE Lab	35.52, -28.66, 35.11
CIE LCh	36, 45.318, 129.222
Yxy	8.7634, 0.3360, 0.5351
Android (android.graphics.Color)	4281556501 (0xFF335E15)
YUV	72.8210, -25.5478, -19.1370
Hunter-Lab	29.6030, -18.6214, 16.4943

# Details

The Hex color **335E15** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **40155E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **669145**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **2D5E0C**, and if you desaturate by 10%, it is **395E1E**.

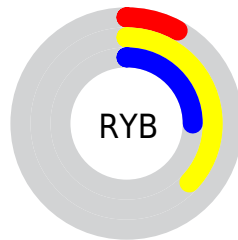
# Distribution



Red (20%)

Green (37%)

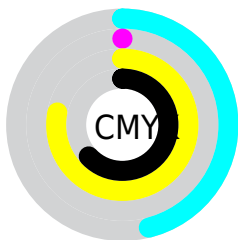
Blue (8%)



Red (8%)

Yellow (37%)

Blue (25%)

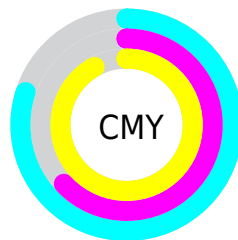


Cyan (46%)

Magenta (0%)

Yellow (78%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 335E15 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 335E15 by changing the saturation by 10% instead.



 335E15

 335E15

FFFFFF

 1A4600

 669145

 002F00

 80AC5E

 001C00

 9BC778

 000000

 B6E392

 D2FFAD

 EFFF8C

 FFFF8C

 335E15

 335E15

■ 2D5E0C

■ 395E1E

■ 285E02

■ 3E5E28

■ 275E00

■ 445E31

■ 495E3B

■ 4F5E44

■ 545E4D

■ 5A5E57

■ 5F5E60

■ 655E6A

# Harmonies

## Analogous

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



5B5500



335E15



006338

# Triad

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



335E15



005E97



942E4A

# Complementary

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



335E15



40155E

# 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.



87346E



335E15



03549B

# Square

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



335E15



006381



63458C



8E3927

# Rectangle

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



335E15



006451



63458C



922E56



# Sweetspot

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



335E15



6A7A5E



5E4015



333D2C



BDBDBD



3D3D3D



# Same Dimension

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



335E15



377A09



155E1B



2B2E29



2D6E00



61ED00



# Inverse Universe

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



40155E



4C097A



5E1558



2C292E



41006E

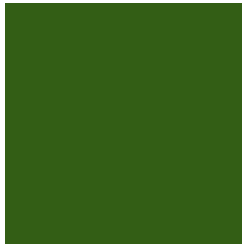


8C00ED



# Previews

## White Background



This preview shows how the Hex color 335E15 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

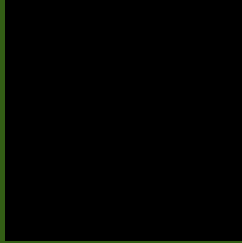
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 335E15 Background



This preview shows how black text looks on a background with the Hex color 335E15.



This preview shows how white text looks on a background with the Hex color 335E15.

# 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**  
335E15

**Protanopia**  
5E5412

**Deuteranopia**  
684F1C



**Tritanopia**  
3E585F

# Trichromacy



**Original Color**  
335E15

**Protanomaly**  
4E5813

**Deuteranomaly**  
555419

**Tritanomaly**  
3A5A44

# Monochromacy



**Original Color**  
335E15

**Achromatopsia**  
494949

**Achromatomaly**  
415136

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 335E15 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 #335E15 looks like.

```
.text, #text, p{  
    color:#335E15  
}
```

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 #335E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E15
}
```

## Border

The CSS property to change the border of an element to Hex 335E15 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
#335E15 }
```

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

```
.border{ border-color:#335E15 }
```

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

Here you see how a box with a 4 pixel #335E15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E15; -webkit-box-shadow:4px 4px  
4px 4px #335E15; box-shadow:4px 4px 4px  
4px #335E15 }
```

# Background

The CSS property to change the background color of an element to Hex 335E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E15 }
```

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

```
.background{ background-color:#335E15 }
```

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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