

Converting Colors

Hex(335E12)

Have a look what the booklet for
Hex(335E12) contains.

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Color

Hex(335E12)

Conversions

Conversions Part 1

Format	Color
Hex	335E12
RGB	51, 94, 18
RGB Percent	20%, 37%, 7%
CMY	0.8000, 0.6314, 0.9294
CMYK	0.46, 0.00, 0.81, 0.63
HSL	94°, 68%, 22%
HSV	94°, 81%, 37%
XYZ	5.4771, 8.7529, 1.9731
YIQ	72.4790, -1.2320, -32.7520

Conversions

Conversions Part 2

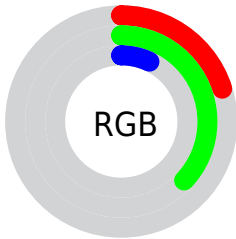
Format	Color
R_{YB}	18, 94, 61
Decimal	3366418
CIE Lab	35.50, -28.87, 36.27
CIE LCh	36, 46.358, 128.524
Yxy	8.7529, 0.3380, 0.5402
Android (android.graphics.Color)	4281556498 (0xFF335E12)
YUV	72.4790, -26.8581, -18.8371
Hunter-Lab	29.5853, -18.7285, 16.7556

Details

The Hex color **335E12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D125E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **669143**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **2E5E09**, and if you desaturate by 10%, it is **385E1B**.

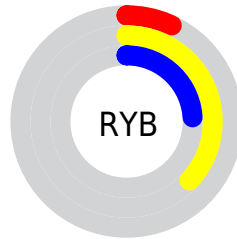
Distribution



Red (20%)

Green (37%)

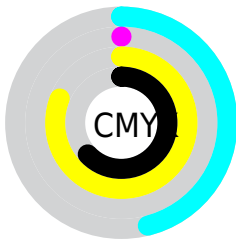
Blue (7%)



Red (7%)

Yellow (37%)

Blue (24%)

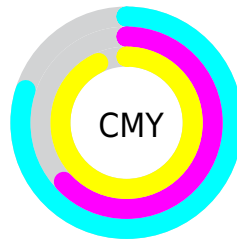


Cyan (46%)

Magenta (0%)

Yellow (81%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335E12 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 335E12 by changing the saturation by 10% instead.



335E12



335E12

FFFFFF



1A4600



669143



002F00



80AC5C



001C00



9BC775



000000



B6E38F



D3FFAA



EFFFC6



FFFFE2



335E12



335E12

■ 2E5E09

■ 385E1B

■ 295E00

■ 3E5E25

■ 435E2E

■ 485E38

■ 4E5E41

■ 535E4A

■ 585E54

■ 5E5E5D

■ 635E67

Harmonies

Analogous

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



5B5500



335E12



006337

Triad

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



335E12



005F98



952D4A

Complementary

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



335E12



3D125E

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.



88336F



335E12



00549D

Square

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



335E12



006481



62458E



8F3727

Rectangle

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



335E12



006450



62458E



932D57

Sweetspot

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



335E12



6A7A5D



5E3C12



333D2B



BDBDBD



3D3D3D

Same Dimension

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



335E12



377A04



125E16



2B2E29



306E00



67ED00

Inverse Universe

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



3D125E



47047A



5E125A



2C292E



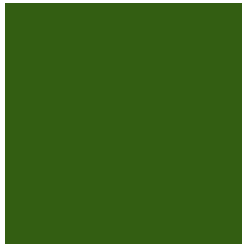
3E006E



8600ED

Previews

White Background



This preview shows how the Hex color 335E12 looks on a white background.

Color Contrast Check

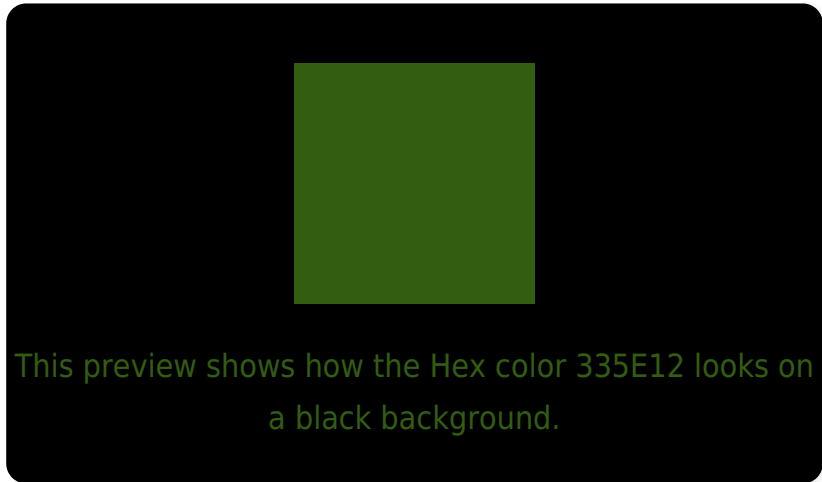
Large Text (above 18pt) WCAG AA ✓ Pass

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

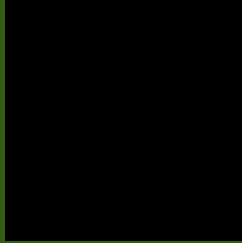
Any Text WCAG AA × Fail

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 335E12 Background



This preview shows how black text looks on a background with the Hex color 335E12.



This preview shows how white text looks on a background with the Hex color 335E12.

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
335E12

Protanopia
5E530F

Deuteranopia
684F1A



Tritanopia
3E585F

Trichromacy



Original Color
335E12

Protanomaly
4E5710

Deuteranomaly
555417

Tritanomaly
3A5A43

Monochromacy



Original Color
335E12

Achromatopsia
484848

Achromatomaly
405034

CSS Examples

Text

The CSS property to change the color of the text to Hex 335E12 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 #335E12 looks like.

```
.text, #text, p{  
    color:#335E12  
}
```

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 #335E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E12
}
```

Border

The CSS property to change the border of an element to Hex 335E12 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
#335E12 }
```

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

```
.border{ border-color:#335E12 }
```

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

Here you see how a box with a 4 pixel #335E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E12; -webkit-box-shadow:4px 4px  
4px 4px #335E12; box-shadow:4px 4px 4px  
4px #335E12 }
```

Background

The CSS property to change the background color of an element to Hex 335E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E12 }
```

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

```
.background{ background-color:#335E12 }
```

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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