

Converting Colors

Hex(335115)

Have a look what the booklet for
Hex(335115) contains.

Hex(335115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(335115)

Conversions

Conversions Part 1

Format	Color
Hex	335115
RGB	51, 81, 21
RGB Percent	20%, 32%, 8%
CMY	0.8000, 0.6824, 0.9176
CMYK	0.37, 0.00, 0.74, 0.68
HSL	90°, 59%, 20%
HSV	90°, 74%, 32%
XYZ	4.4430, 6.6428, 1.7575
YIQ	65.1900, 1.3800, -25.0200

Conversions

Conversions Part 2

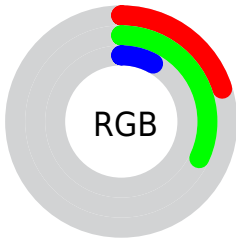
Format	Color
R_YB	21, 81, 51
Decimal	3363093
CIE _{Lab}	30.98, -22.38, 30.45
CIE _{LCh}	31, 37.795, 126.314
Yxy	6.6428, 0.3459, 0.5172
Android (android.graphics.Color)	4281553173 (0xFF335115)
YUV	65.1900, -21.7857, -12.4446
Hunter-Lab	25.7736, -14.3329, 13.9986

Details

The Hex color **335115** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **331551**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **648344**, and **012400** is the 20% darker color. If you saturate the color by 10%, you get **2F510D**, and if you desaturate by 10%, it is **37511D**.

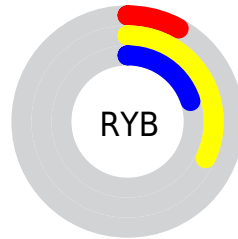
Distribution



Red (20%)

Green (32%)

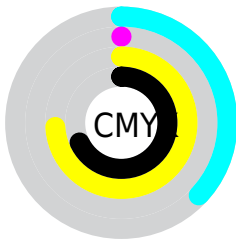
Blue (8%)



Red (8%)

Yellow (32%)

Blue (20%)

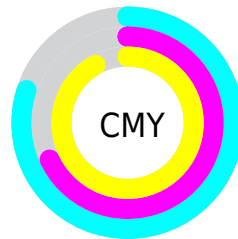


Cyan (37%)

Magenta (0%)

Yellow (74%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335115 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 335115 by changing the saturation by 10% instead.

 335115

 335115

FFFFFFE

 1C3A00

 648344

 012400

 7E9D5C

 000700

 98B875

 000000

 B4D38F

 D0F0AA

 ECFFC5

 FFFFE2

 335115

 335115

■ 2F510D

■ 37511D

■ 2B5105

■ 3B5125

■ 295100

■ 3F512D

■ 435135

■ 47513E

■ 4B5146

■ 4F514E

■ 535156

■ 57515E

Harmonies

Analogous

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



524A05



335115



005530

Triad

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



335115



00527F



7E2C44

Complementary

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



335115



331551

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.



713261



335115



074A84

Square

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



335115



00566B



523E79



7A3328

Rectangle

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



335115



005744



523E79



7C2D4E

Sweetspot

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



335115



5D6952



513315



2F3628



B5B5B5



363636

Same Dimension

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



335115



3A690C



155115



272925



346900



74E800

Inverse Universe

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



331551



3A0C69



511551



272529



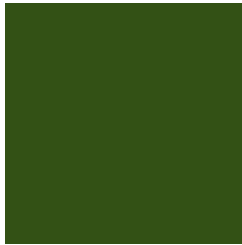
340069



7400E8

Previews

White Background



This preview shows how the Hex color 335115 looks on a white background.

Color Contrast Check

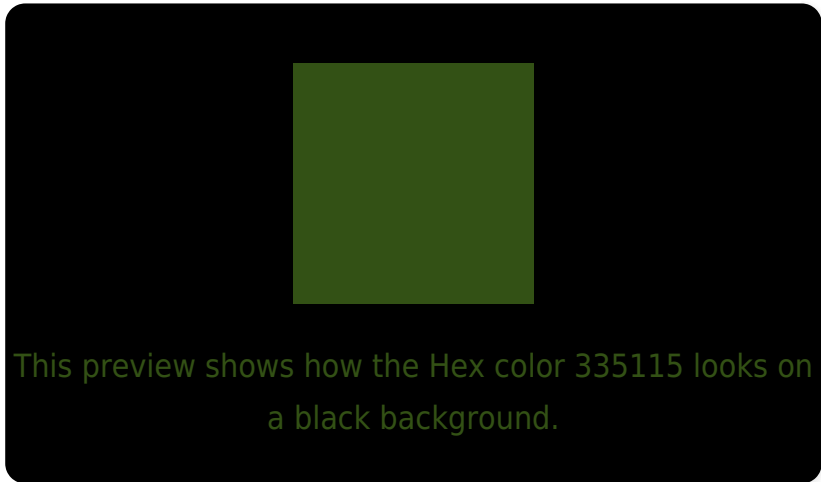
Large Text (above 18pt) WCAG AA ✓ Pass

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

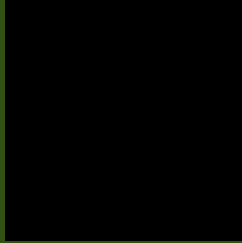
Any Text WCAG AA × Fail

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 335115 Background



This preview shows how black text looks on a background with the Hex color 335115.



This preview shows how white text looks on a background with the Hex color 335115.

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
335115

Protanopia
524913

Deuteranopia
5B451A



Tritanopia
3B4C52

Trichromacy



Original Color
335115

Protanomaly
474C14

Deuteranomaly
4C4918

Tritanomaly
384E3C

Monochromacy



Original Color
335115

Achromatopsia
414141

Achromatomaly
3C4731

CSS Examples

Text

The CSS property to change the color of the text to Hex 335115 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 #335115 looks like.

```
.text, #text, p{  
    color:#335115  
}
```

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 #335115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335115
}
```

Border

The CSS property to change the border of an element to Hex 335115 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
#335115 }
```

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

```
.border{ border-color:#335115 }
```

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

Here you see how a box with a 4 pixel #335115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335115; -webkit-box-shadow:4px 4px  
4px 4px #335115; box-shadow:4px 4px 4px  
4px #335115 }
```

Background

The CSS property to change the background color of an element to Hex 335115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335115 }
```

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

```
.background{ background-color:#335115 }
```

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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