

Converting Colors

Hex(335F16)

Have a look what the booklet for
Hex(335F16) contains.

Hex(335F16)	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(335F16)

Conversions

Conversions Part 1

Format	Color
Hex	335F16
RGB	51, 95, 22
RGB Percent	20%, 37%, 9%
CMY	0.8000, 0.6275, 0.9137
CMYK	0.46, 0.00, 0.77, 0.63
HSL	96°, 62%, 23%
HSV	96°, 77%, 37%
XYZ	5.6023, 8.9462, 2.1906
YIQ	73.5220, -2.7910, -32.0310

Conversions

Conversions Part 2

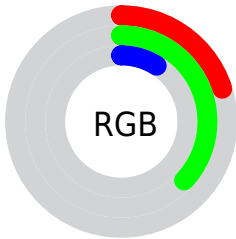
Format	Color
RYB	22, 95, 66
Decimal	3366678
CIELab	35.88, -29.04, 35.05
CIElCh	36, 45.518, 129.636
Yxy	8.9462, 0.3347, 0.5345
Android (android.graphics.Color)	4281556758 (0xFF335F16)
YUV	73.5220, -25.4003, -19.7518
Hunter-Lab	29.9101, -18.9090, 16.5948

Details

The Hex color **335F16** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **42165F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **669246**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **2D5F0D**, and if you desaturate by 10%, it is **395F20**.

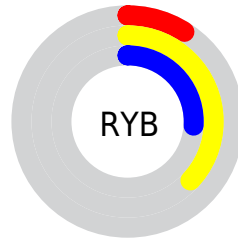
Distribution



Red (20%)

Green (37%)

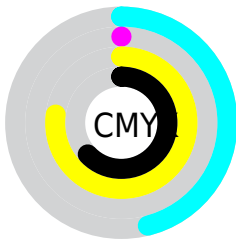
Blue (9%)



Red (9%)

Yellow (37%)

Blue (26%)

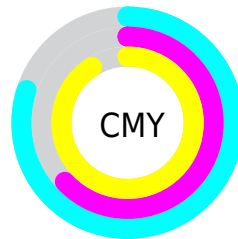


Cyan (46%)

Magenta (0%)

Yellow (77%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335F16 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 335F16 by changing the saturation by 10% instead.

 335F16

 335F16

FFFFFF

 194700

 669246

 003000

 80AD5F

 001D00

 9BC879

 000000

 B6E493

 D2FFAE

 EFFF C9

 FFFF E6

 335F16

 335F16

■ 2D5F0D

■ 395F20

■ 285F03

■ 3E5F29

■ 265F00

■ 445F33

■ 4A5F3C

■ 505F46

■ 555F4F

■ 5B5F59

■ 615F62

■ 675F6C

Harmonies

Analogous

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



5B5600



335F16



00643A

Triad

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



335F16



005F99



952F4A

Complementary

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



335F16



42165F

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.



89356F



335F16



09559D

Square

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



335F16



006482



65458D



8F3928

Rectangle

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



335F16



006553



65458D



932F56

Sweetspot

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



335F16



697A5E



5F4216



333D2C



BDBDBD



3D3D3D

Same Dimension

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



335F16



377A0A



165F1D



2E302C



2D7000



5FF000

Inverse Universe

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



42165F



4E0A7A



5F1658



2F2C30



440070



9000F0

Previews

White Background



This preview shows how the Hex color 335F16 looks on a white background.

Color Contrast Check

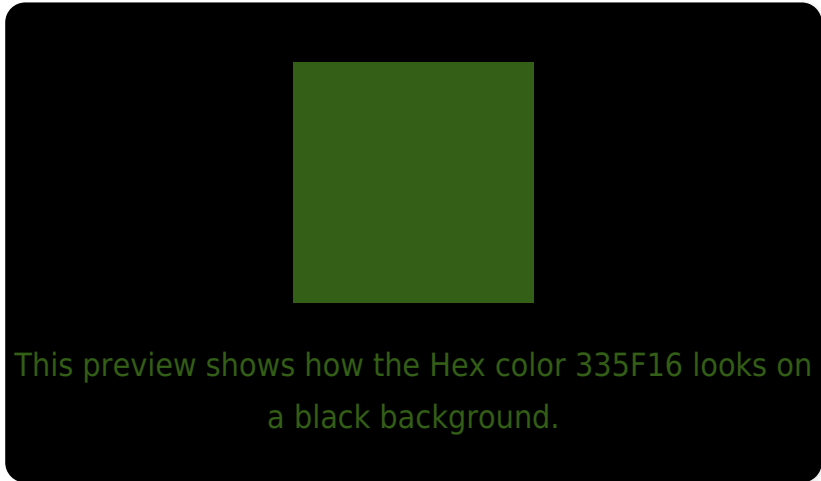
Large Text (above 18pt) WCAG AA ✓ Pass

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

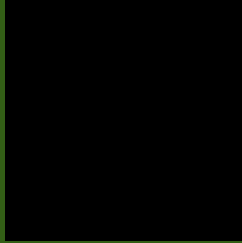
Any Text WCAG AA × Fail

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 335F16 Background



This preview shows how black text looks on a background with the Hex color 335F16.



This preview shows how white text looks on a background with the Hex color 335F16.

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
335F16

Protanopia
5F5413

Deuteranopia
69501D



Tritanopia
3F5960

Trichromacy



Original Color
335F16

Protanomaly
4F5814

Deuteranomaly
55551A

Tritanomaly
3B5B45

Monochromacy



Original Color
335F16

Achromatopsia
4A4A4A

Achromatomaly
425237

CSS Examples

Text

The CSS property to change the color of the text to Hex 335F16 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 #335F16 looks like.

```
.text, #text, p{  
    color:#335F16  
}
```

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 #335F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335F16
}
```

Border

The CSS property to change the border of an element to Hex 335F16 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".

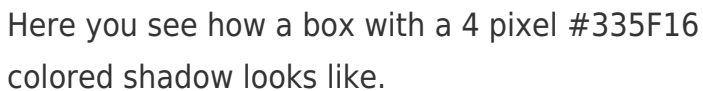
```
.border, #border, table{ border:4px solid
#335F16 }
```

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

```
.border{ border-color:#335F16 }
```

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

Here you see how a box with a 4 pixel #335F16 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335F16; -webkit-box-shadow:4px 4px  
4px 4px #335F16; box-shadow:4px 4px 4px  
4px #335F16 }
```

Background

The CSS property to change the background color of an element to Hex 335F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335F16 }
```

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

```
.background{ background-color:#335F16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor