

Converting Colors

Hex(345D16)

Have a look what the booklet for
Hex(345D16) contains.

Hex(345D16)	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(345D16)

Conversions

Conversions Part 1

Format	Color
Hex	345D16
RGB	52, 93, 22
RGB Percent	20%, 36%, 9%
CMY	0.7961, 0.6353, 0.9137
CMYK	0.44, 0.00, 0.76, 0.64
HSL	95°, 62%, 23%
HSV	95°, 76%, 36%
XYZ	5.4753, 8.6167, 2.1337
YIQ	72.6470, -1.6450, -30.7730

Conversions

Conversions Part 2

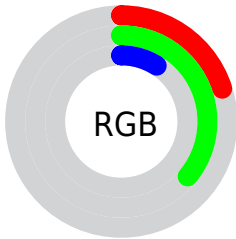
Format	Color
RYB	22, 93, 63
Decimal	3431702
CIELab	35.24, -27.74, 34.42
CIELCh	35, 44.203, 128.866
Yxy	8.6167, 0.3374, 0.5311
Android (android.graphics.Color)	4281621782 (0xFF345D16)
YUV	72.6470, -24.9690, -18.1074
Hunter-Lab	29.3542, -18.0748, 16.2383

Details

The Hex color **345D16** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3F165D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **669046**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **2F5D0D**, and if you desaturate by 10%, it is **395D1F**.

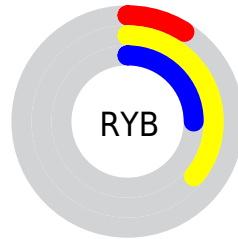
Distribution



Red (20%)

Green (36%)

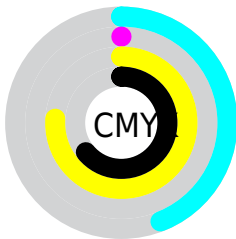
Blue (9%)



Red (9%)

Yellow (36%)

Blue (25%)

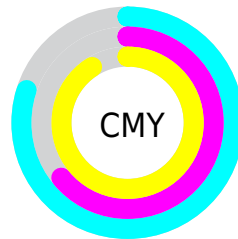


Cyan (44%)

Magenta (0%)

Yellow (76%)

Black (64%)



Cyan (80%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345D16 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 345D16 by changing the saturation by 10% instead.

 345D16

 345D16

FFFFFF

 1B4500

 669046

 002E00

 81AA5F

 001B00

 9BC678

 000000

 B7E292

 D3FFAD

 F0FFC9

 FFFF E5

 345D16

 345D16

■ 2F5D0D

■ 395D1F

■ 295D03

■ 3F5D29

■ 275D00

■ 445D32

■ 495D3B

■ 4F5D44

■ 545D4E

■ 5A5D57

■ 5F5D60

■ 645D6A

Harmonies

Analogous

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



5A5500



345D16



006238

Triad

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



345D16



005D95



922F4A

Complementary

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



345D16



3F165D

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.



85356D



345D16



075499

Square

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



345D16



00627E



61458A



8C3928

Rectangle

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



345D16



006350



61458A



902F56

Sweetspot

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



345D16



68785C



5D3E16



333D2C



BDBDBD



3D3D3D

Same Dimension

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



345D16



38780A



165D1B



2B2E29



2E6E00



64ED00

Inverse Universe

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



3F165D



490A78



5D1658



2C292E



3F006E



8900ED

Previews

White Background



This preview shows how the Hex color 345D16 looks on a white background.

Color Contrast Check

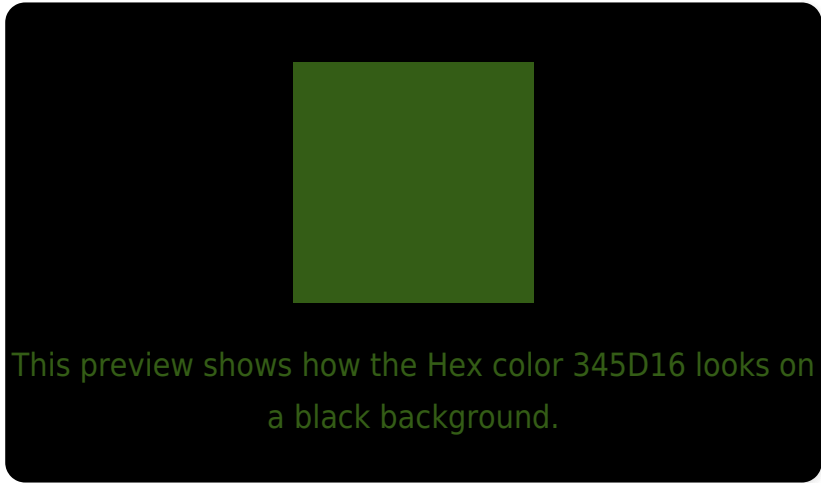
Large Text (above 18pt) WCAG AA ✓ Pass

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

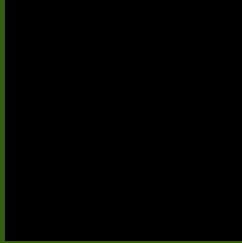
Any Text WCAG AA × Fail

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 345D16 Background



This preview shows how black text looks on a background with the Hex color 345D16.



This preview shows how white text looks on a background with the Hex color 345D16.

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
345D16

Protanopia
5D5313

Deuteranopia
674E1C



Tritanopia
3F575E

Trichromacy



Original Color
345D16

Protanomaly
4E5714

Deuteranomaly
54531A

Tritanomaly
3B5944

Monochromacy



Original Color
345D16

Achromatopsia
494949

Achromatomaly
415036

CSS Examples

Text

The CSS property to change the color of the text to Hex 345D16 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 #345D16 looks like.

```
.text, #text, p{  
    color:#345D16  
}
```

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 #345D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345D16
}
```

Border

The CSS property to change the border of an element to Hex 345D16 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
#345D16 }
```

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

```
.border{ border-color:#345D16 }
```

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

Here you see how a box with a 4 pixel #345D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345D16; -webkit-box-shadow:4px 4px  
4px 4px #345D16; box-shadow:4px 4px 4px  
4px #345D16 }
```

Background

The CSS property to change the background color of an element to Hex 345D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345D16 }
```

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

```
.background{ background-color:#345D16 }
```

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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