

Converting Colors

Hex(00340D)

Have a look what the booklet for
Hex(00340D) contains.

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Color

Hex(00340D)

Conversions

Conversions Part 1

Format	Color
Hex	00340D
RGB	0, 52, 13
RGB Percent	0%, 20%, 5%
CMY	1.0000, 0.7961, 0.9490
CMYK	1.00, 0.00, 0.75, 0.80
HSL	135°, 100%, 10%
HSV	135°, 100%, 20%
XYZ	1.3006, 2.4850, 0.7919
YIQ	32.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

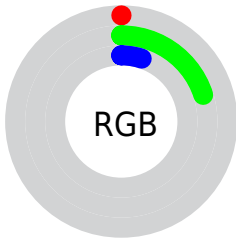
Format	Color
RYB	0, 42, 52
Decimal	13325
CIELab	17.85, -26.31, 19.45
CIELCh	18, 32.723, 143.530
Yxy	2.4850, 0.2841, 0.5429
Android (android.graphics.Color)	4278203405 (0xFF00340D)
YUV	32.0060, -9.3700, -28.0693
Hunter-Lab	15.7640, -12.8596, 8.0565

Details

The Hex color **00340D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340027**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **346338**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00340D**, and if you desaturate by 10%, it is **053411**.

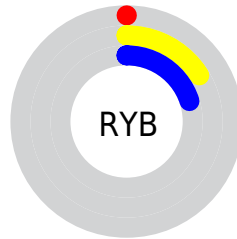
Distribution



Red (0%)

Green (20%)

Blue (5%)



Red (0%)

Yellow (16%)

Blue (20%)

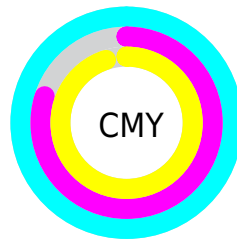


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00340D 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 00340D by changing the saturation by 10% instead.

 00340D

 00340D

 EEEFEE

 002000

 346338

 000000

 4C7D50

 669768

 7FB181

 9ACD9B

 B5E9B6

 D1FFD2

 00340D

■ 053411

■ 0A3415

■ 103419

■ 15341D

■ 1A3421

■ 1F3424

■ 243428

■ 2A342C

■ 2F3430

Harmonies

Analogous

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



263000



00340D



003626

Triad

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



00340D



00305B



54141A

Complementary

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



00340D



340027

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.



531232



00340D



1F2857

Square

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



00340D



003551



431C48



4C1F00

Rectangle

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



00340D



003636



431C48



551222

Sweetspot

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



00340D



304535



273400



17241A



A3A3A3



242424

Same Dimension

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



00340D



004511



003427



171A18



005916



00D936

Inverse Universe

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



340027



450034



34000D



1A1719



590043



D900A3

Previews

White Background



This preview shows how the Hex color 00340D looks on a white background.

Color Contrast Check

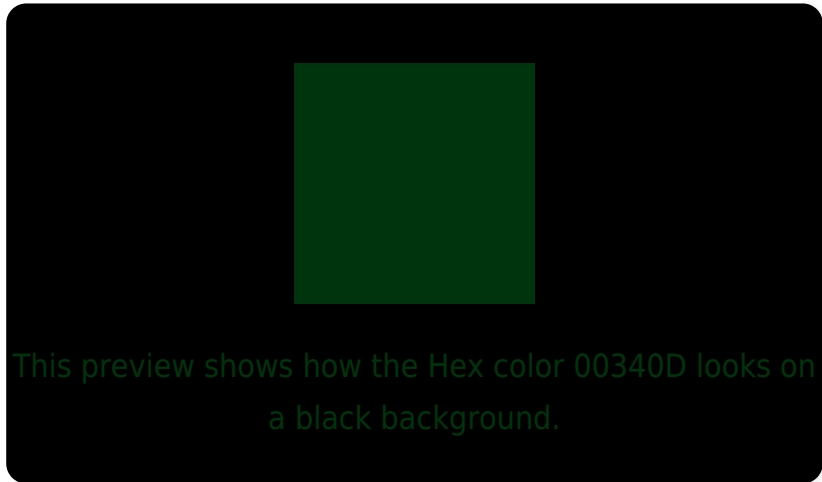
Large Text (above 18pt) WCAG AA ✓ Pass

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

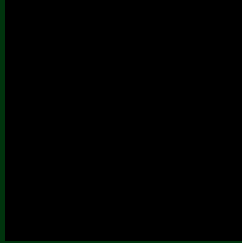
Any Text WCAG AA × Fail

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 00340D Background



This preview shows how black text looks on a background with the Hex color 00340D.



This preview shows how white text looks on a background with the Hex color 00340D.

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
00340D

Protanopia
322D0B

Deuteranopia
372A11



Tritanopia
153034

Trichromacy



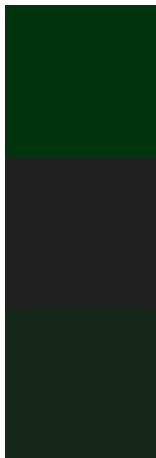
Original Color
00340D

Protanomaly
20300C

Deuteranomaly
232E10

Tritanomaly
0D3126

Monochromacy



Original Color
00340D

Achromatopsia
202020

Achromatomaly
142719

CSS Examples

Text

The CSS property to change the color of the text to Hex 00340D 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 #00340D looks like.

```
.text, #text, p{  
    color:#00340D  
}
```

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 #00340D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00340D
}
```

Border

The CSS property to change the border of an element to Hex 00340D 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
#00340D }
```

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

```
.border{ border-color:#00340D }
```

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

Here you see how a box with a 4 pixel #00340D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00340D; -webkit-box-shadow:4px 4px  
4px 4px #00340D; box-shadow:4px 4px 4px  
4px #00340D }
```

Background

The CSS property to change the background color of an element to Hex 00340D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00340D }
```

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

```
.background{ background-color:#00340D }
```

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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