

Converting Colors

Hex(003415)

Have a look what the booklet for
Hex(003415) contains.

Hex(003415)	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(003415)

Conversions

Conversions Part 1

Format	Color
Hex	003415
RGB	0, 52, 21
RGB Percent	0%, 20%, 8%
CMY	1.0000, 0.7961, 0.9176
CMYK	1.00, 0.00, 0.60, 0.80
HSL	144°, 100%, 10%
HSV	144°, 100%, 20%
XYZ	1.3633, 2.5101, 1.1221
YIQ	32.9180, -21.0410, -20.6650

Conversions

Conversions Part 2

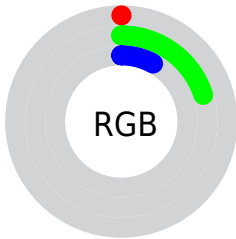
Format	Color
RYB	0, 37, 52
Decimal	13333
CIELab	17.96, -24.91, 15.04
CIELCh	18, 29.098, 148.887
Yxy	2.5101, 0.2729, 0.5025
Android (android.graphics.Color)	4278203413 (0xFF003415)
YUV	32.9180, -5.8756, -28.8691
Hunter-Lab	15.8434, -12.3657, 6.8911

Details

The Hex color **003415** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34001F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **346340**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003415**, and if you desaturate by 10%, it is **053418**.

Distribution



Red (0%)

Green (20%)

Blue (8%)



Red (0%)

Yellow (15%)

Blue (20%)

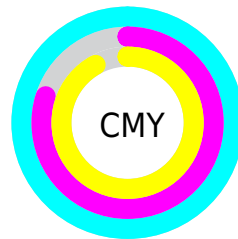


Cyan (100%)

Magenta (0%)

Yellow (60%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003415 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 003415 by changing the saturation by 10% instead.

 003415

 003415

 EDFFF8

 002000

 346340

 000000

 4C7C58

 659770

 7FB18A

 99CDA4

 B5E9BF

 D1FFDB

 003415

■ 053418

■ 0A341B

■ 10341E

■ 153421

■ 1A3425

■ 1F3428

■ 24342B

■ 2A342E

■ 2F3431

Harmonies

Analogous

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



233100



003415



00362A

Triad

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



003415



002F56



501A19

Complementary

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



003415



34001F

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.



50172E



003415



2A2751

Square

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



003415



003350



441D42



472204

Rectangle

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



003415



003639



441D42



511820

Sweetspot

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



003415



304539



1F3400



17241C



A3A3A3



242424

Same Dimension

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



003415



00451C



00342F



171A18



005924



00D958

Inverse Universe

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



34001F



450029



340005



1A1718



590035



D90081

Previews

White Background



This preview shows how the Hex color 003415 looks on a white background.

Color Contrast Check

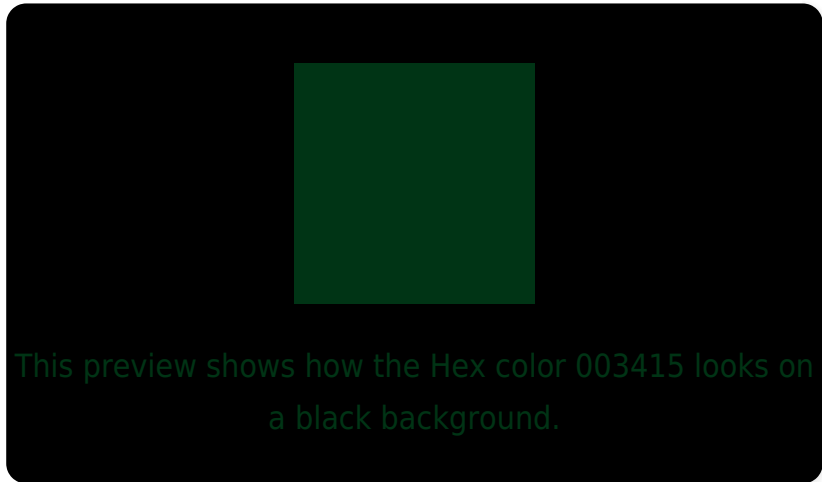
Large Text (above 18pt) WCAG AA ✓ Pass

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

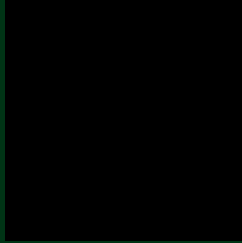
Any Text WCAG AA × Fail

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 003415 Background



This preview shows how black text looks on a background with the Hex color 003415.



This preview shows how white text looks on a background with the Hex color 003415.

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
003415

Protanopia
322D13

Deuteranopia
372B18



Tritanopia
153135

Trichromacy



Original Color
003415

Protanomaly
203014

Deuteranomaly
232E17

Tritanomaly
0D3229

Monochromacy



Original Color
003415

Achromatopsia
212121

Achromatomaly
15281D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003415 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 #003415 looks like.

```
.text, #text, p{  
    color:#003415  
}
```

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 #003415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003415 }  
}
```

Border

The CSS property to change the border of an element to Hex 003415 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".

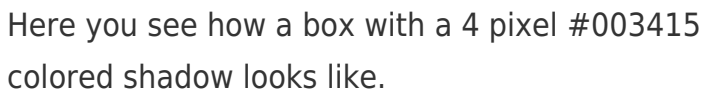
```
.border, #border, table{ border:4px solid #003415 }  
}
```

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

```
.border{ border-color:#003415 }
```

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

Here you see how a box with a 4 pixel #003415 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003415; -webkit-box-shadow:4px 4px  
4px 4px #003415; box-shadow:4px 4px 4px  
4px #003415 }
```

Background

The CSS property to change the background color of an element to Hex 003415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003415 }
```

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

```
.background{ background-color:#003415 }
```

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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