

Converting Colors

Hex(00380E)

Have a look what the booklet for
Hex(00380E) contains.

Hex(00380E)	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(00380E)

Conversions

Conversions Part 1

Format	Color
Hex	00380E
RGB	0, 56, 14
RGB Percent	0%, 22%, 5%
CMY	1.0000, 0.7804, 0.9451
CMYK	1.00, 0.00, 0.75, 0.78
HSL	135°, 100%, 11%
HSV	135°, 100%, 22%
XYZ	1.4934, 2.8601, 0.8888
YIQ	34.4680, -19.8940, -24.9340

Conversions

Conversions Part 2

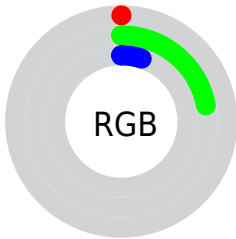
Format	Color
RYB	0, 45, 56
Decimal	14350
CIELab	19.47, -27.67, 20.86
CIELCh	19, 34.658, 142.987
Yxy	2.8601, 0.2849, 0.5456
Android (android.graphics.Color)	4278204430 (0xFF00380E)
YUV	34.4680, -10.0907, -30.2284
Hunter-Lab	16.9117, -13.8325, 8.7222

Details

The Hex color **00380E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38002A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **36683A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00380E**, and if you desaturate by 10%, it is **063812**.

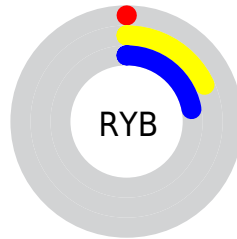
Distribution



Red (0%)

Green (22%)

Blue (5%)



Red (0%)

Yellow (18%)

Blue (22%)

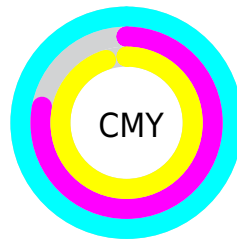


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (78%)



Cyan (100%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00380E 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 00380E by changing the saturation by 10% instead.

 00380E

 00380E

 F1FFF0

 002300

 36683A

 000000

 4E8151

 689B69

 82B683

 9DD29D

 B8EFB8

 D4FFD4

 00380E

■ 063812

■ 0B3816

■ 11381B

■ 16381F

■ 1C3823

■ 223827

■ 27382B

■ 2D3830

■ 323834

Harmonies

Analogous

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



293400



00380E



003A28

Triad

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



00380E



003462



5B151D

Complementary

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



00380E



38002A

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.



591436



00380E



212B5E

Square

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



00380E



003957



471F4E



512102

Rectangle

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



00380E



003B3A



471F4E



5C1325

Sweetspot

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



00380E



344A39



2A3800



18261C



A6A6A6



262626

Same Dimension

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



00380E



004A12



00382A



191C1A



005C17



00DB37

Inverse Universe

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



38002A



4A0037



38000E



1C191B



5C0045



DB00A4

Previews

White Background



This preview shows how the Hex color 00380E looks on a white background.

Color Contrast Check

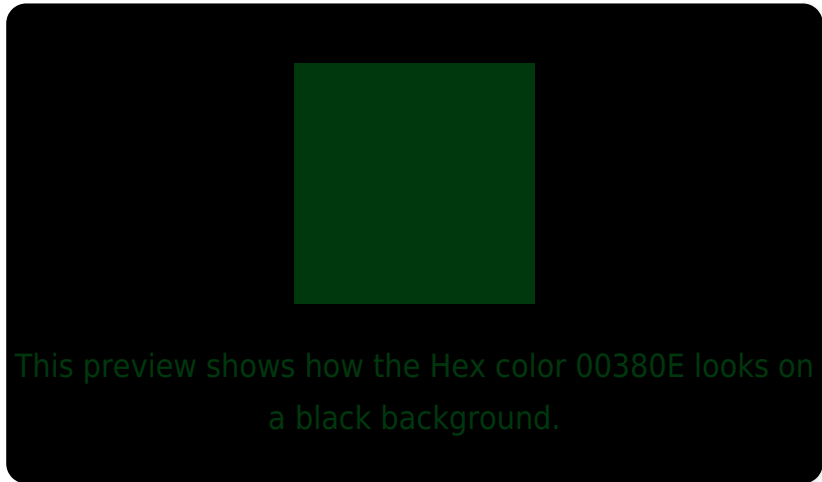
Large Text (above 18pt) WCAG AA ✓ Pass

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

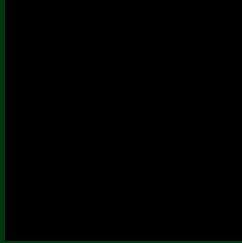
Any Text WCAG AA × Fail

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 00380E Background



This preview shows how black text looks on a background with the Hex color 00380E.



This preview shows how white text looks on a background with the Hex color 00380E.

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](#).

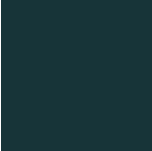
Dichromacy



Original Color
00380E

Protanopia
36300C

Deuteranopia
3C2E12



Tritanopia
173438

Trichromacy



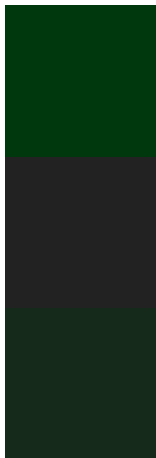
Original Color
00380E

Protanomaly
22330D

Deuteranomaly
263211

Tritanomaly
0F3529

Monochromacy



Original Color
00380E

Achromatopsia
222222

Achromatomaly
162A1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00380E 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 #00380E looks like.

```
.text, #text, p{  
    color:#00380E  
}
```

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 #00380E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00380E
}
```

Border

The CSS property to change the border of an element to Hex 00380E 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".

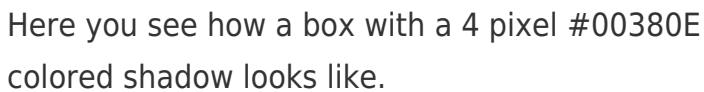
```
.border, #border, table{ border:4px solid
#00380E }
```

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

```
.border{ border-color:#00380E }
```

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

Here you see how a box with a 4 pixel #00380E 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 #00380E; -webkit-box-shadow:4px 4px  
4px 4px #00380E; box-shadow:4px 4px 4px  
4px #00380E }
```

Background

The CSS property to change the background color of an element to Hex 00380E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00380E }
```

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

```
.background{ background-color:#00380E }
```

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