

# Converting Colors

Hex(003E11)

Have a look what the booklet for  
Hex(003E11) contains.

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# Color

**Hex(003E11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003E11
RGB	0, 62, 17
RGB Percent	0%, 24%, 7%
CMY	1.0000, 0.7569, 0.9333
CMYK	1.00, 0.00, 0.73, 0.76
HSL	136°, 100%, 12%
HSV	136°, 100%, 24%
XYZ	1.8238, 3.4857, 1.1070
YIQ	38.3320, -22.5070, -27.1390

# Conversions

## Conversions Part 2

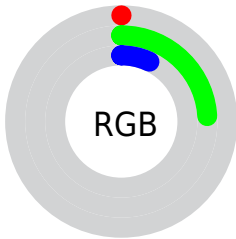
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 49, 62
Decimal	15889
CIELab	21.89, -29.47, 22.01
CIELCh	22, 36.780, 143.252
Yxy	3.4857, 0.2842, 0.5432
Android (android.graphics.Color)	4278205969 (0xFF003E11)
YUV	38.3320, -10.5167, -33.6172
Hunter-Lab	18.6701, -15.2357, 9.5536

# Details

The Hex color **003E11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E002D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **386E3D**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **003E11**, and if you desaturate by 10%, it is **063E16**.

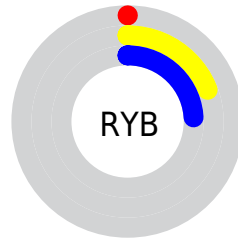
# Distribution



Red (0%)

Green (24%)

Blue (7%)



Red (0%)

Yellow (19%)

Blue (24%)

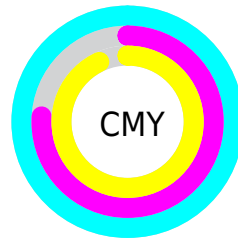


Cyan (100%)

Magenta (0%)

Yellow (73%)

Black (76%)



Cyan (100%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003E11 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 003E11 by changing the saturation by 10% instead.



 003E11


 003E11

 F5FFF5

 002800

 386E3D

 000D00

 518855

 000000

 6BA36D

 85BE87

 A0DAA1

 BCF6BC

 D8FFD8

 003E11

■ 063E16

■ 0C3E1A

■ 133E1F

■ 193E23

■ 1F3E28

■ 253E2C

■ 2B3E31

■ 323E35

■ 383E3A

# Harmonies

## Analogous

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



2D3900



003E11



00402D

# Triad

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



003E11



003A6B



641921

# Complementary

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



003E11



3E002D

# 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.



61173C



003E11



263067

# Square

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



003E11



003F60



4F2255



592506

# Rectangle

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



003E11



004140



4F2255



64162A



# Sweetspot

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



003E11



395240



2D3E00



1A291E



A8A8A8



292929



# Same Dimension

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



003E11



005216



003E30



1C1F1C



005E1A



00DE3D



# Inverse Universe

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



3E002D



52003B



3E000E



1F1C1E



5E0044



DE00A1



# Previews

## White Background



This preview shows how the Hex color 003E11 looks on a white background.

## Color Contrast Check

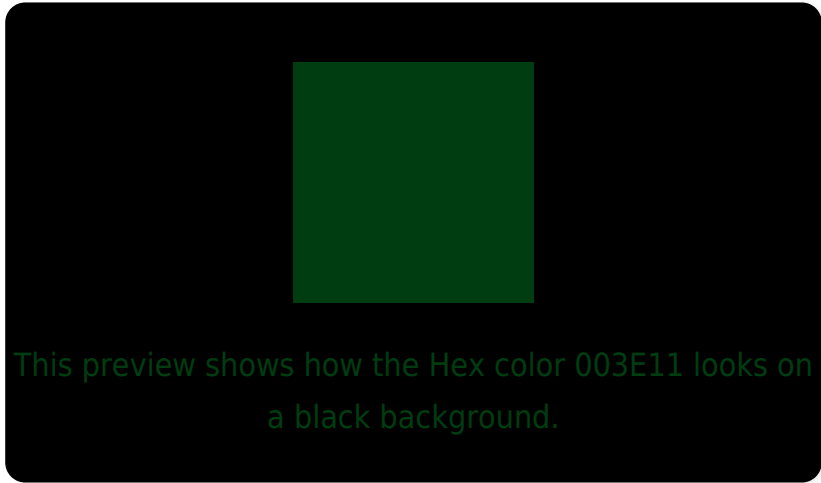
Large Text (above 18pt) WCAG AA ✓ Pass

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

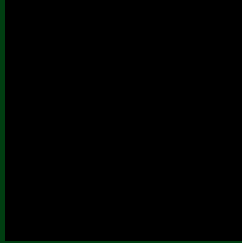
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 003E11 Background



This preview shows how black text looks on a background with the Hex color 003E11.



This preview shows how white text looks on a background with the Hex color 003E11.

# 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**  
003E11

**Protanopia**  
3C350F

**Deuteranopia**  
423215



**Tritanopia**  
193A3F

# Trichromacy



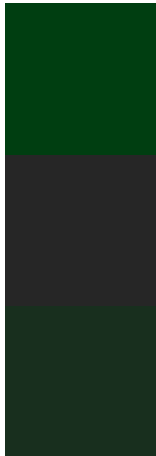
**Original Color**  
003E11

**Protanomaly**  
263810

**Deuteranomaly**  
2A3614

**Tritanomaly**  
103B2E

# Monochromacy



**Original Color**  
003E11

**Achromatopsia**  
262626

**Achromatomaly**  
182F1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003E11 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 #003E11 looks like.

```
.text, #text, p{  
    color:#003E11  
}
```

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 #003E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E11
}
```

## Border

The CSS property to change the border of an element to Hex 003E11 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
#003E11 }
```

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

```
.border{ border-color:#003E11 }
```

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

Here you see how a box with a 4 pixel #003E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E11; -webkit-box-shadow:4px 4px  
4px 4px #003E11; box-shadow:4px 4px 4px  
4px #003E11 }
```

# Background

The CSS property to change the background color of an element to Hex 003E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E11 }
```

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

```
.background{ background-color:#003E11 }
```

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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