

# Converting Colors

Hex(003D0C)

Have a look what the booklet for  
Hex(003D0C) contains.

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# Color

Hex(003D0C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003D0C
RGB	0, 61, 12
RGB Percent	0%, 24%, 5%
CMY	1.0000, 0.7608, 0.9529
CMYK	1.00, 0.00, 0.80, 0.76
HSL	132°, 100%, 12%
HSV	132°, 100%, 24%
XYZ	1.7351, 3.3640, 0.9057
YIQ	37.1750, -20.6270, -28.1710

# Conversions

## Conversions Part 2

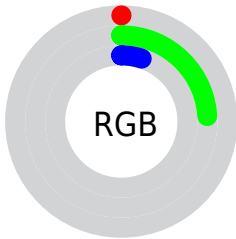
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 51, 61</a>
Decimal	<a href="#">15628</a>
CIELab	<a href="#">21.45, -29.75, 24.02</a>
CIELCh	<a href="#">21, 38.241, 141.084</a>
Yxy	<a href="#">3.3640, 0.2890, 0.5602</a>
Android (android.graphics.Color)	<a href="#">4278205708 (0xFF003D0C)</a>
YUV	<a href="#">37.1750, -12.4113, -32.6025</a>
Hunter-Lab	<a href="#">18.3413, -15.2110, 9.9111</a>

# Details

The Hex color **003D0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D0031**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **386D39**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **003D0C**, and if you desaturate by 10%, it is **063D11**.

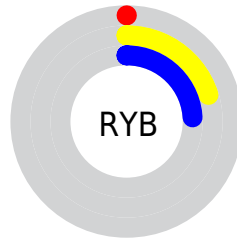
# Distribution



Red (0%)

Green (24%)

Blue (5%)



Red (0%)

Yellow (20%)

Blue (24%)

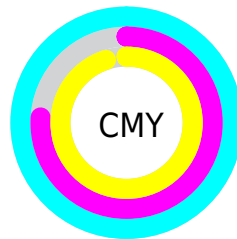


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (76%)



Cyan (100%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003D0C 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 003D0C by changing the saturation by 10% instead.



 003D0C

 003D0C

 F5FFF0

 002700

 386D39

 000A00

 518750

 000000

 6BA169

 85BD82

 A0D99C

 BBF5B7

 D8FFD3

 003D0C

■ 063D11

■ 0C3D16

■ 123D1B

■ 183D20

■ 1F3D25

■ 253D29

■ 2B3D2E

■ 313D33

■ 373D38

# Harmonies

## Analogous

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



2E3800



003D0C



003F2A

# Triad

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



003D0C



00396C



641521

# Complementary

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



003D0C



3D0031

# 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.



61143D



003D0C



1D3069

# Square

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



003D0C



003E5F



4D2157



5A2204

# Rectangle

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



003D0C



00403E



4D2157



65122A



# Sweetspot

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



003D0C



374F3C



323D00



1A291D



A8A8A8



292929



# Same Dimension

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



003D0C



004F10



003D2A



1C1F1C



005E13



00DE2C



# Inverse Universe

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



3D0031



4F003F



3D0013



1F1C1E



5E004C



DE00B2



# Previews

## White Background



This preview shows how the Hex color 003D0C 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

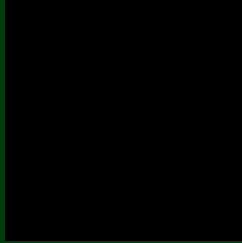
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 003D0C Background



This preview shows how black text looks on a background with the Hex color 003D0C.



This preview shows how white text looks on a background with the Hex color 003D0C.

# 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](#).

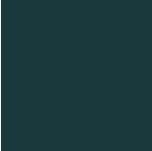
## Dichromacy



**Original Color**  
003D0C

**Protanopia**  
3B340A

**Deuteranopia**  
413211



**Tritanopia**  
19393D

# Trichromacy



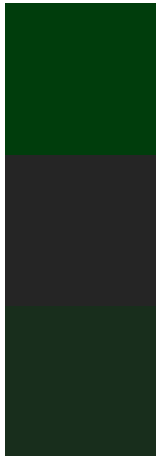
**Original Color**  
003D0C

**Protanomaly**  
26370B

**Deuteranomaly**  
29360F

**Tritanomaly**  
103A2B

# Monochromacy



**Original Color**  
003D0C

**Achromatopsia**  
252525

**Achromatomaly**  
182E1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003D0C 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 #003D0C looks like.

```
.text, #text, p{  
    color:#003D0C  
}
```

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 #003D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D0C
}
```

## Border

The CSS property to change the border of an element to Hex 003D0C 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
#003D0C }
```

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

```
.border{ border-color:#003D0C }
```

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

Here you see how a box with a 4 pixel #003D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D0C; -webkit-box-shadow:4px 4px  
4px 4px #003D0C; box-shadow:4px 4px 4px  
4px #003D0C }
```

# Background

The CSS property to change the background color of an element to Hex 003D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D0C }
```

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

```
.background{ background-color:#003D0C }
```

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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