

# Converting Colors

Hex(3D610C)

Have a look what the booklet for  
Hex(3D610C) contains.

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**Color**

**Hex(3D610C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D610C
RGB	61, 97, 12
RGB Percent	24%, 38%, 5%
CMY	0.7608, 0.6196, 0.9529
CMYK	0.37, 0.00, 0.88, 0.62
HSL	85°, 78%, 21%
HSV	85°, 88%, 38%
XYZ	6.2655, 9.5680, 1.8644
YIQ	76.5460, 5.8290, -34.0670

# Conversions

## Conversions Part 2

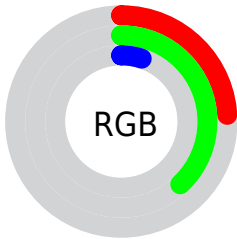
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 97, 48
Decimal	4022540
CIE Lab	37.06, -26.71, 39.93
CIE LCh	37, 48.035, 123.780
Yxy	9.5680, 0.3540, 0.5406
Android (android.graphics.Color)	4282212620 (0xFF3D610C)
YUV	76.5460, -31.8212, -13.6338
Hunter-Lab	30.9322, -17.9751, 18.0789

# Details

The Hex color **3D610C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **300C61**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **709440**, and **093200** is the 20% darker color. If you saturate the color by 10%, you get **396102**, and if you desaturate by 10%, it is **416116**.

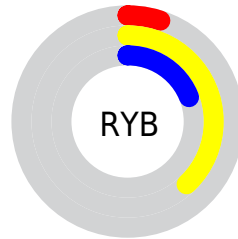
# Distribution



Red (24%)

Green (38%)

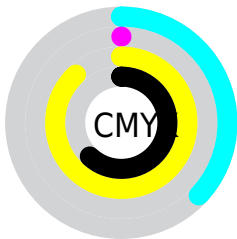
Blue (5%)



Red (5%)

Yellow (38%)

Blue (19%)

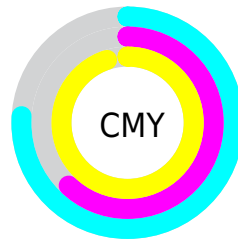


Cyan (37%)

Magenta (0%)

Yellow (88%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D610C 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 3D610C by changing the saturation by 10% instead.



 3D610C

 3D610C

 FFFFFC

 244900

 709440

 093200

 8BAF59

 001F00

 A6CA72

 000000

 C2E68C

 DEFFA7

 FBFFC3

 FFFFDF

 3D610C

 3D610C

■ 396102

■ 416116

■ 386100

■ 45611F

■ 496129

■ 4D6133

■ 52613D

■ 566146

■ 5A6150

■ 5E615A

■ 626163

# Harmonies

## Analogous

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



655700



3D610C



006733

# Triad

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



3D610C



00649D



9B2E54

# Complementary

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



3D610C



300C61

# 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.



89387A



3D610C



005AA5

# Square

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



3D610C



006881



5D4B98



98372E

# Rectangle

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



3D610C



00684E



5D4B98



982F61



# Sweetspot

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



3D610C



6F7D5C



612F0C



37402C



BFBFBF



404040



# Same Dimension

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



3D610C



487D00



13610C



2E302C



417000



8AF000



# Inverse Universe

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



300C61



35007D



5A0C61



2E2C30



300070



6600F0



# Previews

## White Background



This preview shows how the Hex color 3D610C looks on a white background.

## Color Contrast Check

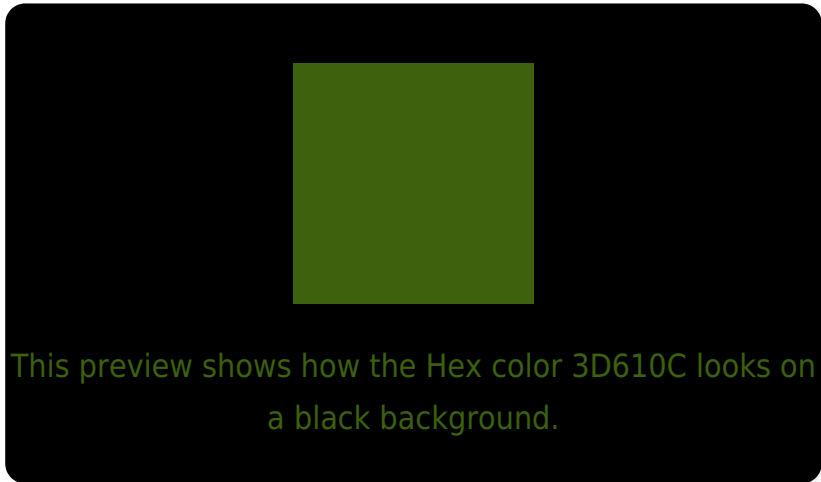
Large Text (above 18pt) WCAG AA ✓ Pass

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

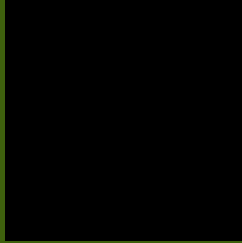
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D610C Background



This preview shows how black text looks on a background with the Hex color 3D610C.



This preview shows how white text looks on a background with the Hex color 3D610C.

# 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](#).

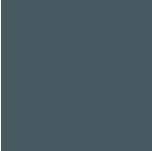
## Dichromacy



**Original Color**  
3D610C

**Protanopia**  
625709

**Deuteranopia**  
6D5316



**Tritanopia**  
475A61

# Trichromacy



**Original Color**  
3D610C

**Protanomaly**  
555B0A

**Deuteranomaly**  
5C5812

**Tritanomaly**  
435D42

# Monochromacy



**Original Color**  
3D610C

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
475435

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D610C 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 #3D610C looks like.

```
.text, #text, p{  
    color:#3D610C  
}
```

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 #3D610C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D610C  
}
```

## Border

The CSS property to change the border of an element to Hex 3D610C 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".

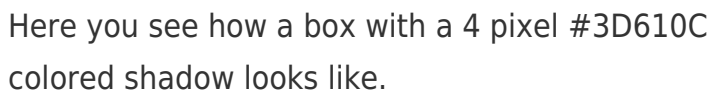
```
.border, #border, table{ border:4px solid  
#3D610C }
```

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

```
.border{ border-color:#3D610C }
```

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

Here you see how a box with a 4 pixel #3D610C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D610C; -webkit-box-shadow:4px 4px  
4px 4px #3D610C; box-shadow:4px 4px 4px  
4px #3D610C }
```

# Background

The CSS property to change the background color of an element to Hex 3D610C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D610C }
```

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

```
.background{ background-color:#3D610C }
```

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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