

# Converting Colors

Hex(3D6F0C)

Have a look what the booklet for  
Hex(3D6F0C) contains.

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# Color

Hex(3D6F0C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D6F0C
RGB	61, 111, 12
RGB Percent	24%, 44%, 5%
CMY	0.7608, 0.5647, 0.9529
CMYK	0.45, 0.00, 0.89, 0.56
HSL	90°, 80%, 24%
HSV	90°, 89%, 44%
XYZ	7.6753, 12.3875, 2.3343
YIQ	84.7640, 1.9790, -41.3890

# Conversions

## Conversions Part 2

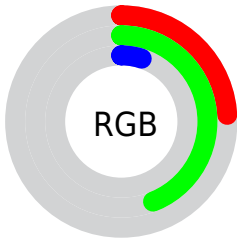
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 111, 62
Decimal	4026124
CIELab	41.83, -33.13, 44.14
CIELCh	42, 55.190, 126.892
Yxy	12.3875, 0.3427, 0.5531
Android (android.graphics.Color)	4282216204 (0xFF3D6F0C)
YUV	84.7640, -35.8727, -20.8410
Hunter-Lab	35.1959, -22.6669, 20.7048

# Details

The Hex color **3D6F0C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E0C6F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **72A342**, and **023E00** is the 20% darker color. If you saturate the color by 10%, you get **376F01**, and if you desaturate by 10%, it is **436F17**.

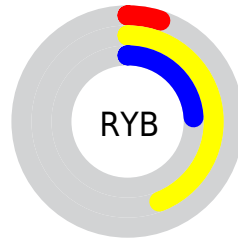
# Distribution



Red (24%)

Green (44%)

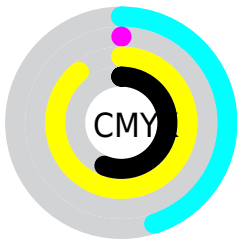
Blue (5%)



Red (5%)

Yellow (44%)

Blue (24%)

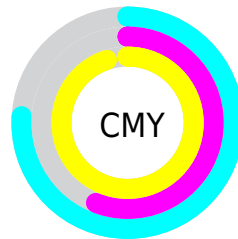


Cyan (45%)

Magenta (0%)

Yellow (89%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6F0C 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 3D6F0C by changing the saturation by 10% instead.



 3D6F0C

 3D6F0C

FFFFFF

 225600

 72A342

 023E00

 8DBE5C

 002800

 A8DA76

 000C00

 C4F790

 000000

 E1FFAC

 FEFFC7

 FFFFE4

 3D6F0C

 3D6F0C

■ 376F01

■ 436F17

■ 376F00

■ 486F22

■ 4E6F2D

■ 536F38

■ 596F44

■ 5F6F4F

■ 646F5A

■ 6A6F65

■ 6F6F70

# Harmonies

## Analogous

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



6E6400



3D6F0C



00753D

# Triad

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



3D6F0C



0071B6



B2305A

# Complementary

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



3D6F0C



3E0C6F

# 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.



A03B87



3D6F0C



0065BE

# Square

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



3D6F0C



007698



7051AC



AC3E2E

# Rectangle

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



3D6F0C



00775C



7051AC



AF3169



# Sweetspot

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



3D6F0C



7E916A



6F3E0C



3E4A32



C9C9C9



4A4A4A



# Same Dimension

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



3D6F0C



489100



0C6F0C



353832



3B7800



7AF700



# Inverse Universe

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



3E0C6F



490091



6F0C6F



353238



3D0078

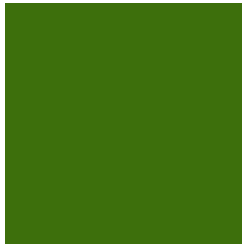


7D00F7



# Previews

## White Background



This preview shows how the Hex color 3D6F0C looks on a white background.

## Color Contrast Check

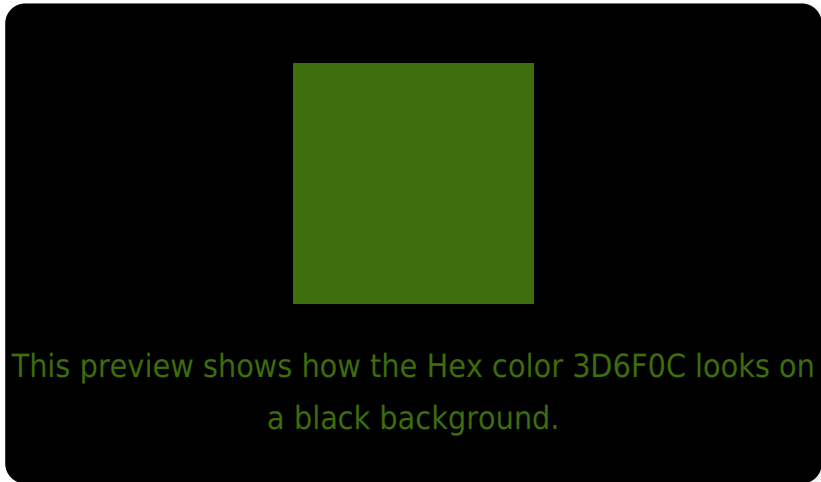
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

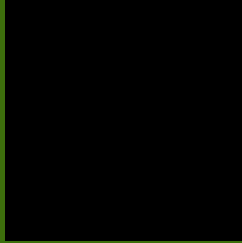
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D6F0C Background



This preview shows how black text looks on a background with the Hex color 3D6F0C.



This preview shows how white text looks on a background with the Hex color 3D6F0C.

# 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**  
3D6F0C

**Protanopia**  
6F6307

**Deuteranopia**  
7C5D19



**Tritanopia**  
4B6770

# Trichromacy



**Original Color**  
3D6F0C

**Protanomaly**  
5D6709

**Deuteranomaly**  
656414

**Tritanomaly**  
466A4C

# Monochromacy



**Original Color**  
3D6F0C

**Achromatopsia**  
555555

**Achromatomaly**  
4C5E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6F0C 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 #3D6F0C looks like.

```
.text, #text, p{  
    color:#3D6F0C  
}
```

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 #3D6F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6F0C
}
```

## Border

The CSS property to change the border of an element to Hex 3D6F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

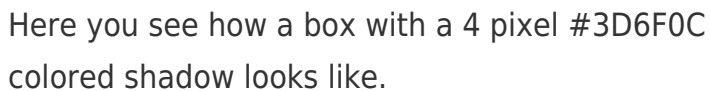
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D6F0C }
```

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

```
.border{ border-color:#3D6F0C }
```

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



Here you see how a box with a 4 pixel `#3D6F0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6F0C; -webkit-box-shadow:4px 4px  
4px 4px #3D6F0C; box-shadow:4px 4px 4px  
4px #3D6F0C }
```

# Background

The CSS property to change the background color of an element to Hex 3D6F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6F0C }
```

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

```
.background{ background-color:#3D6F0C }
```

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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