

Converting Colors

Hex(3D790C)

Have a look what the booklet for
Hex(3D790C) contains.

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Color

Hex(3D790C)

Conversions

Conversions Part 1

Format	Color
Hex	3D790C
RGB	61, 121, 12
RGB Percent	24%, 47%, 5%
CMY	0.7608, 0.5255, 0.9529
CMYK	0.50, 0.00, 0.90, 0.53
HSL	93°, 82%, 26%
HSV	93°, 90%, 47%
XYZ	8.8282, 14.6934, 2.7186
YIQ	90.6340, -0.7710, -46.6190

Conversions

Conversions Part 2

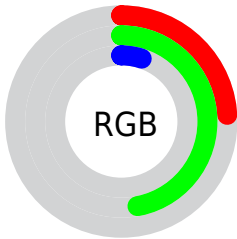
Format	Color
RYB	12, 121, 72
Decimal	4028684
CIELab	45.21, -37.40, 47.08
CIElCh	45, 60.131, 128.466
Yxy	14.6934, 0.3364, 0.5600
Android (android.graphics.Color)	4282218764 (0xFF3D790C)
YUV	90.6340, -38.7666, -25.9890
Hunter-Lab	38.3320, -25.9707, 22.6273

Details

The Hex color **3D790C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **480C79**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **73AE44**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **367900**, and if you desaturate by 10%, it is **447918**.

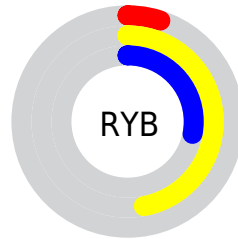
Distribution



Red (24%)

Green (47%)

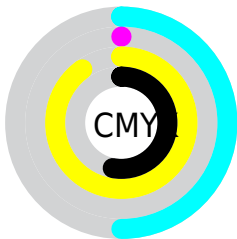
Blue (5%)



Red (5%)

Yellow (47%)

Blue (28%)

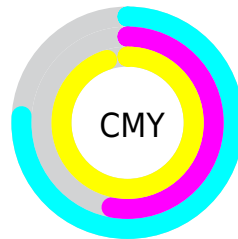


Cyan (50%)

Magenta (0%)

Yellow (90%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D790C 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 3D790C by changing the saturation by 10% instead.

 3D790C

 3D790C

FFFFFF

 206000

 73AE44

 004700

 8ECA5E

 003000

 AAE678

 001B00

 C6FF93

 000000

 E3FFAF

 FFFFCB

 FFFFE7

 3D790C

 3D790C

■ 367900

■ 447918

■ 4A7924

■ 517930

■ 58793C

■ 5E7948

■ 657955

■ 6C7961

■ 72796D

■ 797979

Harmonies

Analogous

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



746D00



3D790C



007F44

Triad

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



3D790C



007AC9



C3325F

Complementary

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



3D790C



480C79

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.



B13D91



3D790C



006DCF

Square

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



3D790C



0080A9



7D57BA



BA432F

Rectangle

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



3D790C



008167



7D57BA



C03270

Sweetspot

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



3D790C



879E73



79480C



414F36



CFCFCF



4F4F4F

Same Dimension

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



3D790C



479E00



0C7911



3A3D37



387D00



71FC00

Inverse Universe

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



480C79



57009E



790C74



3A373D



45007D



8B00FC

Previews

White Background



This preview shows how the Hex color 3D790C looks on a white background.

Color Contrast Check

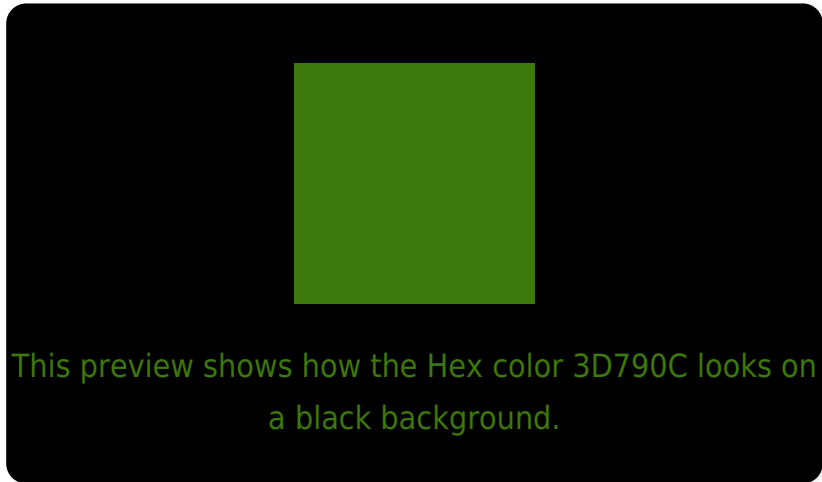
Large Text (above 18pt) WCAG AA ✓ Pass

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

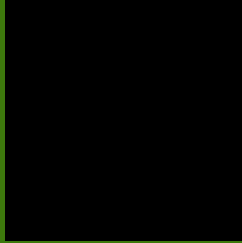
Any Text WCAG AA × Fail

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 3D790C Background



This preview shows how black text looks on a background with the Hex color 3D790C.



This preview shows how white text looks on a background with the Hex color 3D790C.

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
3D790C

Protanopia
786B05

Deuteranopia
86651B



Tritanopia
4D717A

Trichromacy



Original Color
3D790C

Protanomaly
637008

Deuteranomaly
6B6C16

Tritanomaly
477452

Monochromacy



Original Color
3D790C

Achromatopsia
5B5B5B

Achromatomaly
50663E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D790C 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 #3D790C looks like.

```
.text, #text, p{  
    color:#3D790C  
}
```

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 #3D790C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D790C  
}
```

Border

The CSS property to change the border of an element to Hex 3D790C 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  
#3D790C }
```

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

```
.border{ border-color:#3D790C }
```

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

Here you see how a box with a 4 pixel #3D790C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D790C; -webkit-box-shadow:4px 4px  
4px 4px #3D790C; box-shadow:4px 4px 4px  
4px #3D790C }
```

Background

The CSS property to change the background color of an element to Hex 3D790C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D790C }
```

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

```
.background{ background-color:#3D790C }
```

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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