

Converting Colors

Hex(3D7800)

Have a look what the booklet for
Hex(3D7800) contains.

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Color

Hex(3D7800)

Conversions

Conversions Part 1

Format	Color
Hex	3D7800
RGB	61, 120, 0
RGB Percent	24%, 47%, 0%
CMY	0.7608, 0.5294, 1.0000
CMYK	0.49, 0.00, 1.00, 0.53
HSL	90°, 100%, 24%
HSV	90°, 100%, 47%
XYZ	8.6409, 14.4250, 2.3289
YIQ	88.6790, 3.3560, -49.8280

Conversions

Conversions Part 2

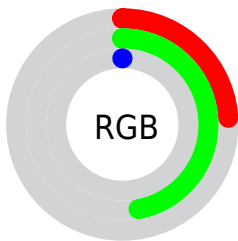
Format	Color
RYB	0, 120, 59
Decimal	4028416
CIELab	44.84, -37.40, 49.37
CIELCh	45, 61.940, 127.145
Yxy	14.4250, 0.3403, 0.5680
Android (android.graphics.Color)	4282218496 (0xFF3D7800)
YUV	88.6790, -43.7187, -24.2745
Hunter-Lab	37.9803, -25.8548, 22.9507

Details

The Hex color **3D7800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0078**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **73AD3E**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **3D7800**, and if you desaturate by 10%, it is **43780C**.

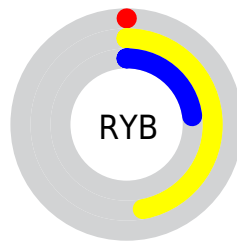
Distribution



Red (24%)

Green (47%)

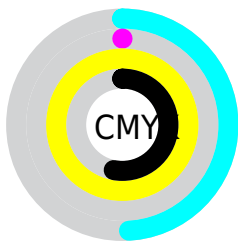
Blue (0%)



Red (0%)

Yellow (47%)

Blue (23%)

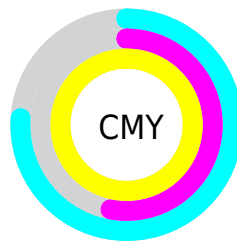


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7800 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 3D7800 by changing the saturation by 10% instead.

 3D7800

 3D7800

FFFFFFE

 205F00

 73AD3E

 004700

 8EC858

 002F00

 AAE573

 001A00

 C7FF8D

 000000

 E4FFA9

 FFFFC5

 FFFFE1

 3D7800

 43780C

 497818

 4F7824

 557830

 5A783C

 607848

 667854

 6C7860

 72786C

Harmonies

Analogous

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



756C00



3D7800



007E3F

Triad

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



3D7800



007ACA



C42D60

Complementary

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



3D7800



3B0078

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.



B03A93



3D7800



006DD2

Square

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



3D7800



0080A8



7956BD



BC3F2E

Rectangle

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



3D7800



008063



7956BD



C12E71

Sweetspot

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



3D7800



859C6D



783A00



414F33



CFCFCF



4F4F4F

Same Dimension

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



3D7800



4F9C00



027800



3A3D37



407D00



80FC00

Inverse Universe

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



3B0078



4C009C



760078



3A373D



3D007D



7C00FC

Previews

White Background



This preview shows how the Hex color 3D7800 looks on a white background.

Color Contrast Check

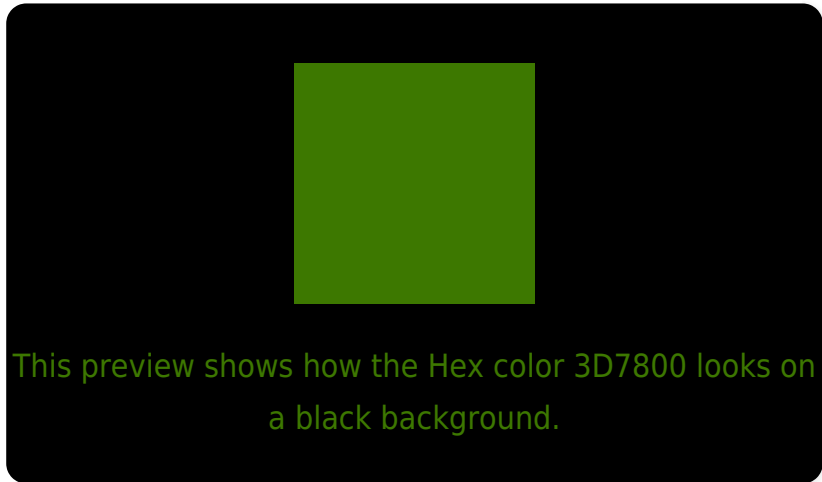
Large Text (above 18pt) WCAG AA ✓ Pass

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

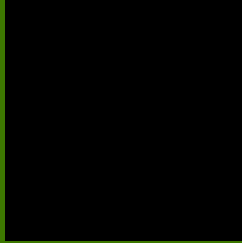
Any Text WCAG AA × Fail

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 3D7800 Background



This preview shows how black text looks on a background with the Hex color 3D7800.



This preview shows how white text looks on a background with the Hex color 3D7800.

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
3D7800

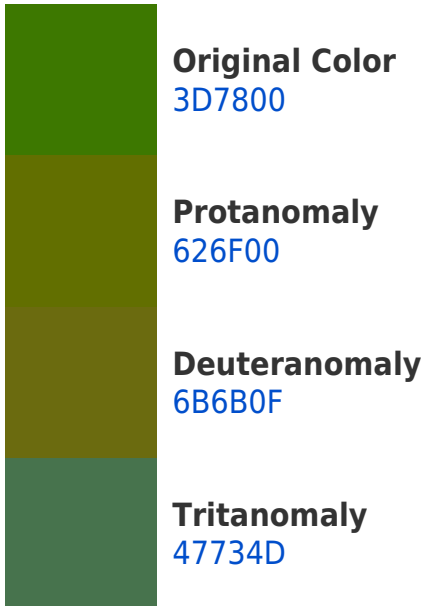
Protanopia
776A00

Deuteranopia
856418



Tritanopia
4D7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7800 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 #3D7800 looks like.

```
.text, #text, p{  
    color:#3D7800  
}
```

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 #3D7800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7800
}
```

Border

The CSS property to change the border of an element to Hex 3D7800 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
#3D7800 }
```

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

```
.border{ border-color:#3D7800 }
```

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

Here you see how a box with a 4 pixel #3D7800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7800; -webkit-box-shadow:4px 4px  
4px 4px #3D7800; box-shadow:4px 4px 4px  
4px #3D7800 }
```

Background

The CSS property to change the background color of an element to Hex 3D7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7800 }
```

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

```
.background{ background-color:#3D7800 }
```

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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