

Converting Colors

Hex(3F800D)

Have a look what the booklet for
Hex(3F800D) contains.

Hex(3F800D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F800D)

Conversions

Conversions Part 1

Format	Color
Hex	3F800D
RGB	63, 128, 13
RGB Percent	25%, 50%, 5%
CMY	0.7529, 0.4980, 0.9490
CMYK	0.51, 0.00, 0.90, 0.50
HSL	94°, 82%, 28%
HSV	94°, 90%, 50%
XYZ	9.8417, 16.5242, 3.0515
YIQ	95.4550, -1.8250, -49.5450

Conversions

Conversions Part 2

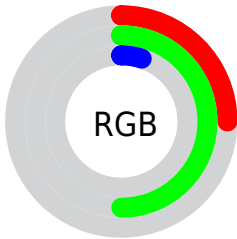
Format	Color
RYB	13, 128, 78
Decimal	4161549
CIELab	47.65, -39.58, 49.00
CIELCh	48, 62.990, 128.933
Yxy	16.5242, 0.3346, 0.5617
Android (android.graphics.Color)	4282351629 (0xFF3F800D)
YUV	95.4550, -40.6503, -28.4630
Hunter-Lab	40.6499, -27.9209, 24.0041

Details

The Hex color **3F800D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4E0D80**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **76B546**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **388000**, and if you desaturate by 10%, it is **46801A**.

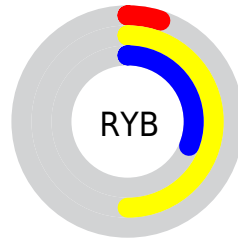
Distribution



Red (25%)

Green (50%)

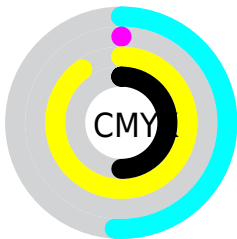
Blue (5%)



Red (5%)

Yellow (50%)

Blue (31%)

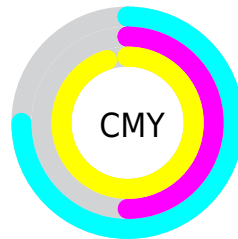


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F800D 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 3F800D by changing the saturation by 10% instead.



3F800D



3F800D

FFFFFF



226600



76B546



004E00



91D160



003600



ADEE7B



002200



CAFF96



000000



E7FFB1



FFFPCD



FFFPEA



3F800D



3F800D

■ 388000

■ 46801A

■ 4D8027

■ 558033

■ 5C8040

■ 63804D

■ 6A805A

■ 728067

■ 798073

■ 808080

Harmonies

Analogous

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



7A7400



3F800D



008648

Triad

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



3F800D



0081D4



CE3464

Complementary

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



3F800D



4E0D80

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.



BB4098



3F800D



0072DB

Square

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



3F800D



0088B3



865BC4



C54731

Rectangle

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



3F800D



00886E



865BC4



CB3475

Sweetspot

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



3F800D



8CA679



804C0D



455439



D4D4D4



545454

Same Dimension

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



3F800D



48A600



0D8013



3C4039



378000



000000

Inverse Universe

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



4E0D80



5E00A6



800D7A



3D3940



480080



000000

Previews

White Background



This preview shows how the Hex color 3F800D looks on a white background.

Color Contrast Check

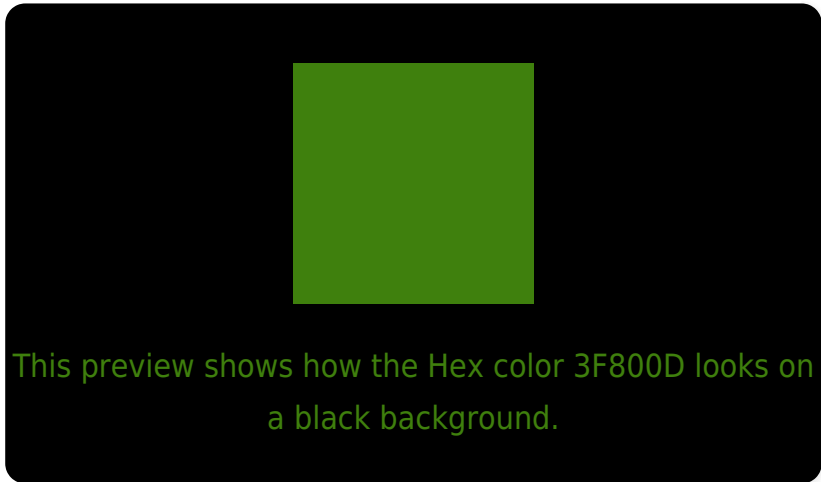
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F800D Background



This preview shows how black text looks on a background with the Hex color 3F800D.



This preview shows how white text looks on a background with the Hex color 3F800D.

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
3F800D

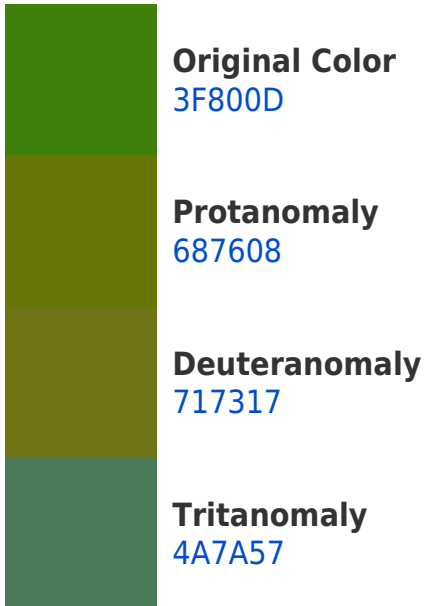
Protanopia
7F7105

Deuteranopia
8D6B1D

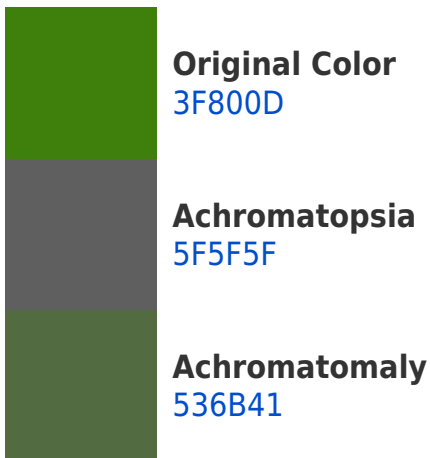


Tritanopia
507781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F800D 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 #3F800D looks like.

```
.text, #text, p{  
    color:#3F800D  
}
```

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 #3F800D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F800D
}
```

Border

The CSS property to change the border of an element to Hex 3F800D 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
#3F800D }
```

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

```
.border{ border-color:#3F800D }
```

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

Here you see how a box with a 4 pixel #3F800D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F800D; -webkit-box-shadow:4px 4px  
4px 4px #3F800D; box-shadow:4px 4px 4px  
4px #3F800D }
```

Background

The CSS property to change the background color of an element to Hex 3F800D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F800D }
```

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

```
.background{ background-color:#3F800D }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor