

Converting Colors

Hex(3F7614)

Have a look what the booklet for
Hex(3F7614) contains.

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Color

Hex(3F7614)

Conversions

Conversions Part 1

Format	Color
Hex	3F7614
RGB	63, 118, 20
RGB Percent	25%, 46%, 8%
CMY	0.7529, 0.5373, 0.9216
CMYK	0.47, 0.00, 0.83, 0.54
HSL	94°, 71%, 27%
HSV	94°, 83%, 46%
XYZ	8.6546, 14.0641, 2.9203
YIQ	90.3830, -1.3220, -42.1380

Conversions

Conversions Part 2

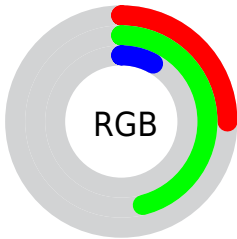
Format	Color
R_{YB}	20, 118, 75
Decimal	4158996
CIE _{Lab}	44.32, -35.08, 44.14
CIE _{LCh}	44, 56.382, 128.473
Yxy	14.0641, 0.3376, 0.5485
Android (android.graphics.Color)	4282349076 (0xFF3F7614)
YUV	90.3830, -34.6988, -24.0149
Hunter-Lab	37.5022, -24.4353, 21.6346

Details

The Hex color **3F7614** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B1476**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **74AB49**, and **044500** is the 20% darker color. If you saturate the color by 10%, you get **387608**, and if you desaturate by 10%, it is **467620**.

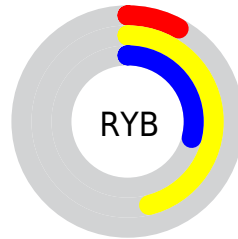
Distribution



Red (25%)

Green (46%)

Blue (8%)



Red (8%)

Yellow (46%)

Blue (29%)

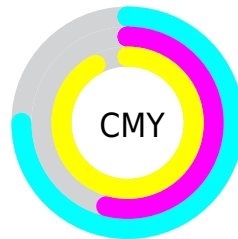


Cyan (47%)

Magenta (0%)

Yellow (83%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7614 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 3F7614 by changing the saturation by 10% instead.



3F7614



3F7614

FFFFFF



245D00



74AB49



044500



8FC662



002E00



ABE27C



001800



C7FF97



000000



E4FFB2



FFFFCE



FFFFEB



3F7614



3F7614

■ 387608

■ 467620

■ 347600

■ 4C762C

■ 537637

■ 597643

■ 60764F

■ 67765B

■ 6D7667

■ 747672

■ 7B767E

Harmonies

Analogous

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



726B00



3F7614



007C44

Triad

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



3F7614



0077C0



BC365E

Complementary

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



3F7614



4B1476

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.



AA3F8C



3F7614



006AC6

Square

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



3F7614



007DA2



7B56B3



B44431

Rectangle

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



3F7614



007E65



7B56B3



B9366D

Sweetspot

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



3F7614



849973



764A14



404D36



CCCCCC



4D4D4D

Same Dimension

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



3F7614



439900



147619



373B35



367A00



6EFA00

Inverse Universe

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



4B1476



560099



761471



38353B



45007A



8C00FA

Previews

White Background



This preview shows how the Hex color 3F7614 looks on a white background.

Color Contrast Check

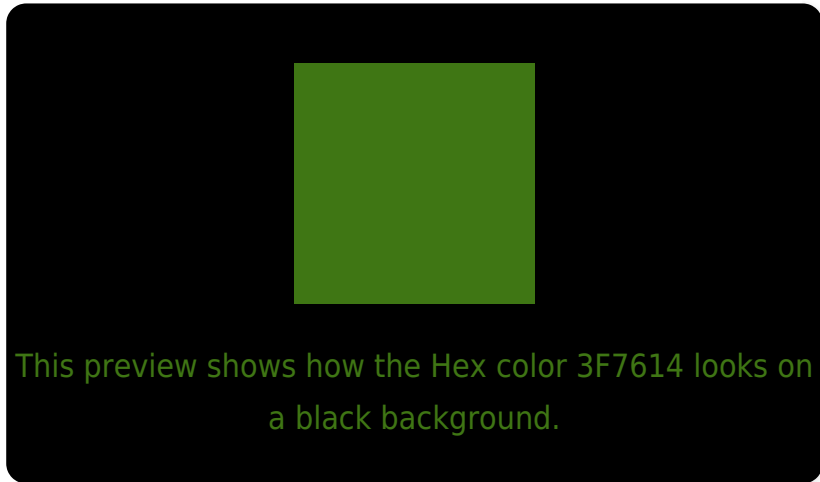
Large Text (above 18pt) WCAG AA ✓ Pass

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

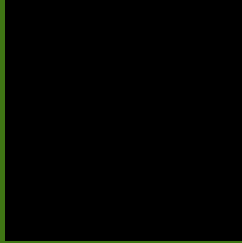
Any Text WCAG AA × Fail

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 3F7614 Background



This preview shows how black text looks on a background with the Hex color 3F7614.



This preview shows how white text looks on a background with the Hex color 3F7614.

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
3F7614

Protanopia
766910

Deuteranopia
83631E



Tritanopia
4E6E77

Trichromacy



Original Color
3F7614

Protanomaly
626E11

Deuteranomaly
6A6A1A

Tritanomaly
497153

Monochromacy



Original Color
3F7614

Achromatopsia
5A5A5A

Achromatomaly
506441

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7614 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 #3F7614 looks like.

```
.text, #text, p{  
    color:#3F7614  
}
```

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 #3F7614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7614
}
```

Border

The CSS property to change the border of an element to Hex 3F7614 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".

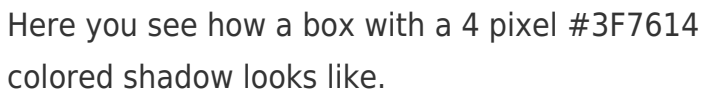
```
.border, #border, table{ border:4px solid
#3F7614 }
```

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

```
.border{ border-color:#3F7614 }
```

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

Here you see how a box with a 4 pixel #3F7614 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7614; -webkit-box-shadow:4px 4px  
4px 4px #3F7614; box-shadow:4px 4px 4px  
4px #3F7614 }
```

Background

The CSS property to change the background color of an element to Hex 3F7614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7614 }
```

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

```
.background{ background-color:#3F7614 }
```

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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