

Converting Colors

Hex(3C7820)

Have a look what the booklet for
Hex(3C7820) contains.

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Color

Hex(3C7820)

Conversions

Conversions Part 1

Format	Color
Hex	3C7820
RGB	60, 120, 32
RGB Percent	24%, 47%, 13%
CMY	0.7647, 0.5294, 0.8745
CMYK	0.50, 0.00, 0.73, 0.53
HSL	101°, 58%, 30%
HSV	101°, 73%, 47%
XYZ	8.8407, 14.4979, 3.6989
YIQ	92.0280, -7.5120, -40.0880

Conversions

Conversions Part 2

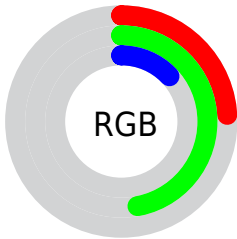
Format	Color
RYB	32, 120, 92
Decimal	3962912
CIELab	44.94, -36.12, 40.29
CIELCh	45, 54.114, 131.877
Yxy	14.4979, 0.3270, 0.5362
Android (android.graphics.Color)	4282152992 (0xFF3C7820)
YUV	92.0280, -29.5938, -28.0886
Hunter-Lab	38.0761, -25.1883, 20.8935

Details

The Hex color **3C7820** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5C2078**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **71AD52**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **347814**, and if you desaturate by 10%, it is **44782C**.

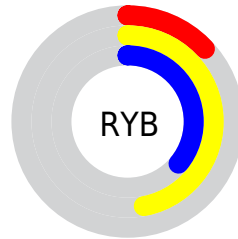
Distribution



Red (24%)

Green (47%)

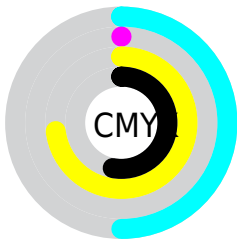
Blue (13%)



Red (13%)

Yellow (47%)

Blue (36%)

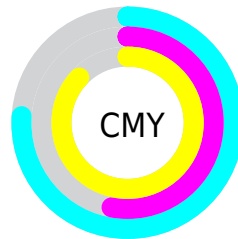


Cyan (50%)

Magenta (0%)

Yellow (73%)

Black (53%)



Cyan (76%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7820 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 3C7820 by changing the saturation by 10% instead.

 3C7820

 3C7820

FFFFFF

 205F03

 71AD52

 004700

 8CC86B

 002F00

 A8E586

 001A00

 C4FFA0

 000000

 E0FFBC

 FEFFD8

 FFFFF5

 3C7820

 3C7820

■ 347814

■ 44782C

■ 2C7808

■ 4C7838

■ 267800

■ 557844

■ 5D7850

■ 65785C

■ 6D7868

■ 757874

■ 7D7880

■ 86788C

Harmonies

Analogous

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



6F6E00



3C7820



007D4C

Triad

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



3C7820



0077C0



BB3C5A

Complementary

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



3C7820



5C2078

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.



AD4287



3C7820



216AC3

Square

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



3C7820



007DA6



8356AE



B14A30

Rectangle

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



3C7820



007F6C



8356AE



B93B69

Sweetspot

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



3C7820



849C79



785B20



414F3A



CFCFCF



4F4F4F

Same Dimension

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



3C7820



3E9C13



20782F



393D37



287D00



50FC00

Inverse Universe

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



5C2078



70139C



782069



3B373D



55007D



AC00FC

Previews

White Background



This preview shows how the Hex color 3C7820 looks on a white background.

Color Contrast Check

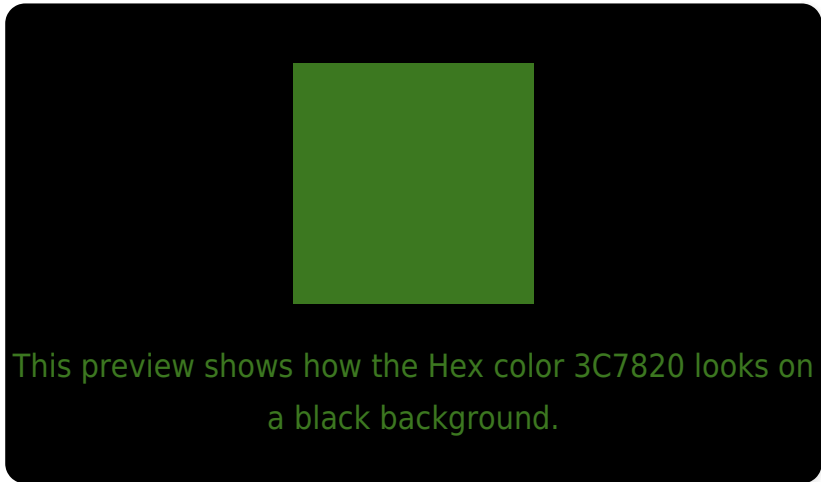
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C7820 Background



This preview shows how black text looks on a background with the Hex color 3C7820.



This preview shows how white text looks on a background with the Hex color 3C7820.

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
3C7820

Protanopia
776A1C

Deuteranopia
846528



Tritanopia
4B7079

Trichromacy



Original Color
3C7820

Protanomaly
626F1D

Deuteranomaly
6A6C25

Tritanomaly
467359

Monochromacy



Original Color
3C7820

Achromatopsia
5C5C5C

Achromatomaly
506646

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7820 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 #3C7820 looks like.

```
.text, #text, p{  
    color:#3C7820  
}
```

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 #3C7820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7820
}
```

Border

The CSS property to change the border of an element to Hex 3C7820 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
#3C7820 }
```

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

```
.border{ border-color:#3C7820 }
```

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

Here you see how a box with a 4 pixel #3C7820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7820; -webkit-box-shadow:4px 4px  
4px 4px #3C7820; box-shadow:4px 4px 4px  
4px #3C7820 }
```

Background

The CSS property to change the background color of an element to Hex 3C7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7820 }
```

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

```
.background{ background-color:#3C7820 }
```

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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