

Converting Colors

Hex(3C7F30)

Have a look what the booklet for
Hex(3C7F30) contains.

Hex(3C7F30)	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(3C7F30)

Conversions

Conversions Part 1

Format	Color
Hex	3C7F30
RGB	60, 127, 48
RGB Percent	24%, 50%, 19%
CMY	0.7647, 0.5020, 0.8118
CMYK	0.53, 0.00, 0.62, 0.50
HSL	111°, 45%, 34%
HSV	111°, 62%, 50%
XYZ	9.9864, 16.3528, 5.4264
YIQ	97.9610, -14.5730, -38.7730

Conversions

Conversions Part 2

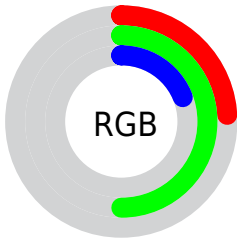
Format	Color
RYB	48, 127, 115
Decimal	3964720
CIELab	47.43, -37.49, 35.77
CIELCh	47, 51.814, 136.344
Yxy	16.3528, 0.3144, 0.5148
Android (android.graphics.Color)	4282154800 (0xFF3C7F30)
YUV	97.9610, -24.6308, -33.2918
Hunter-Lab	40.4386, -26.6868, 20.3510

Details

The Hex color **3C7F30** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **73307F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **71B461**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **317F23**, and if you desaturate by 10%, it is **477F3D**.

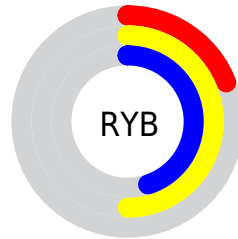
Distribution



Red (24%)

Green (50%)

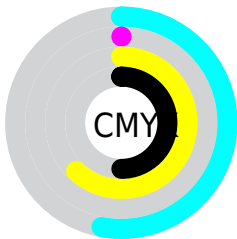
Blue (19%)



Red (19%)

Yellow (50%)

Blue (45%)

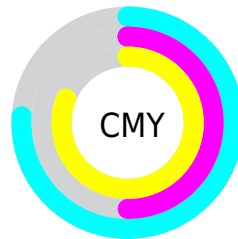


Cyan (53%)

Magenta (0%)

Yellow (62%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7F30 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 3C7F30 by changing the saturation by 10% instead.

 3C7F30

 3C7F30

FFFFFF

 206618

 71B461

 004D00

 8CD07B

 003500

 A8ED95

 002100

 C4FFB0


 000000

 E1FFCC

 FEFFE8

 3C7F30

 3C7F30

 317F23

 477F3D

■ 267F17

■ 527F49

■ 1C7F0A

■ 5C7F56

■ 137F00

■ 677F63

■ 727F70

■ 7D7F7C

■ 877F89

■ 927F96

■ 9D7FA2

Harmonies

Analogous

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



70760E



3C7F30



00845A

Triad

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



3C7F30



007BC5



BF475B

Complementary

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



3C7F30



73307F

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.



B54986



3C7F30



486DC5

Square

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



3C7F30



0083AF



915AAD



B35533

Rectangle

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



3C7F30



008579



915AAD



BF4569

Sweetspot

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



3C7F30



8BA686



7F7230



445441



D4D4D4



545454

Same Dimension

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



3C7F30



3CA629



307F4A



3A4039



138000



000000

Inverse Universe

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



73307F



9329A6



7F3065



3F3940



6C0080



000000

Previews

White Background



This preview shows how the Hex color 3C7F30 looks on a white background.

Color Contrast Check

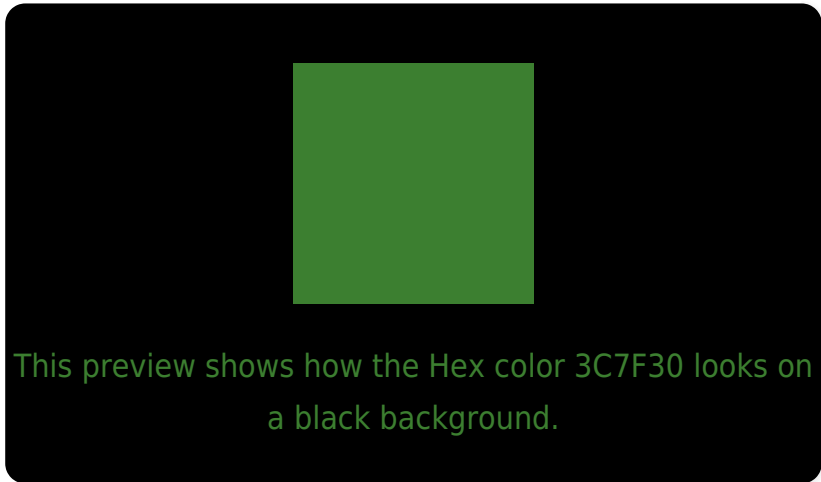
Large Text (above 18pt) WCAG AA ✓ Pass

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

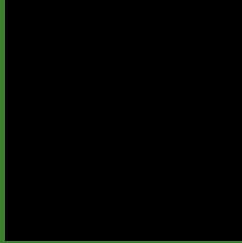
Any Text WCAG AA × Fail

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 3C7F30 Background



This preview shows how black text looks on a background with the Hex color 3C7F30.



This preview shows how white text looks on a background with the Hex color 3C7F30.

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
3C7F30

Protanopia
7D702C

Deuteranopia
8A6B36



Tritanopia
4C7781

Trichromacy



Original Color
3C7F30

Protanomaly
65752D

Deuteranomaly
6E7234

Tritanomaly
467A64

Monochromacy



Original Color
3C7F30

Achromatopsia
626262

Achromatomaly
546D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7F30 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 #3C7F30 looks like.

```
.text, #text, p{  
    color:#3C7F30  
}
```

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 #3C7F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7F30
}
```

Border

The CSS property to change the border of an element to Hex 3C7F30 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
#3C7F30 }
```

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

```
.border{ border-color:#3C7F30 }
```

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

Here you see how a box with a 4 pixel #3C7F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7F30; -webkit-box-shadow:4px 4px  
4px 4px #3C7F30; box-shadow:4px 4px 4px  
4px #3C7F30 }
```

Background

The CSS property to change the background color of an element to Hex 3C7F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7F30 }
```

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

```
.background{ background-color:#3C7F30 }
```

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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