

Converting Colors

Hex(7C8F30)

Have a look what the booklet for
Hex(7C8F30) contains.

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Color

Hex(7C8F30)

Conversions

Conversions Part 1

Format	Color
Hex	7C8F30
RGB	124, 143, 48
RGB Percent	49%, 56%, 19%
CMY	0.5137, 0.4392, 0.8118
CMYK	0.13, 0.00, 0.66, 0.44
HSL	72°, 50%, 37%
HSV	72°, 66%, 56%
XYZ	18.6681, 24.1434, 6.4725
YIQ	126.4890, 19.1710, -33.5730

Conversions

Conversions Part 2

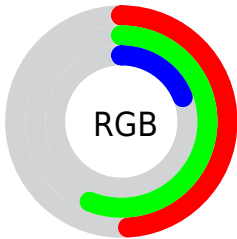
Format	Color
RYB	48, 143, 67
Decimal	8163120
CIELab	56.23, -20.70, 46.48
CIElCh	56, 50.882, 114.005
Yxy	24.1434, 0.3788, 0.4899
Android (android.graphics.Color)	4286353200 (0xFF7C8F30)
YUV	126.4890, -38.6951, -2.1829
Hunter-Lab	49.1359, -18.1707, 26.5851

Details

The Hex color **7C8F30** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **43308F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B3C563**, and **485D00** is the 20% darker color. If you saturate the color by 10%, you get **798F22**, and if you desaturate by 10%, it is **7F8F3E**.

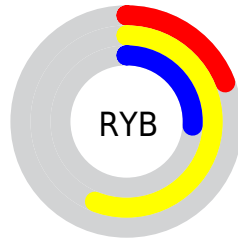
Distribution



Red (49%)

Green (56%)

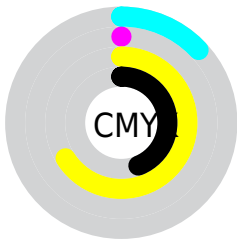
Blue (19%)



Red (19%)

Yellow (56%)

Blue (26%)

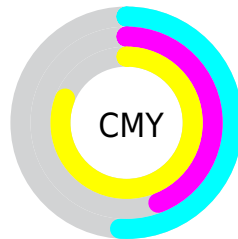


Cyan (13%)

Magenta (0%)

Yellow (66%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8F30 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 7C8F30 by changing the saturation by 10% instead.



7C8F30



7C8F30

FFFFFF



627515



B3C563



485D00



CFE17D



304500



ECFD98



152F00



FFFFB4



001C00



FFFF00



000000



FFF FEC



7C8F30



7C8F30



798F22



7F8F3E

■ 768F13

■ 828F4D

■ 738F05

■ 858F5B

■ 728F00

■ 878F69

■ 8A8F78

■ 8D8F86

■ 908F94

■ 938FA2

■ 968FB1

Harmonies

Analogous

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



A68129



7C8F30



449850

Triad

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



7C8F30



0098CE



D36092

Complementary

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



7C8F30



43308F

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.



B46CBB



7C8F30



008EDF

Square

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



7C8F30



009CA9



797FD8



D76265

Rectangle

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



7C8F30



009B6D



797FD8



CB63A0

Sweetspot

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



7C8F30



B3BA95



8F4330



5A5E48



DEDEDE



5E5E5E

Same Dimension

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



7C8F30



9CBA25



4D8F30



464740



6C8700



060800

Inverse Universe

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



43308F



4325BA



73308F



424047



1B0087



020008

Previews

White Background



This preview shows how the Hex color 7C8F30 looks on a white background.

Color Contrast Check

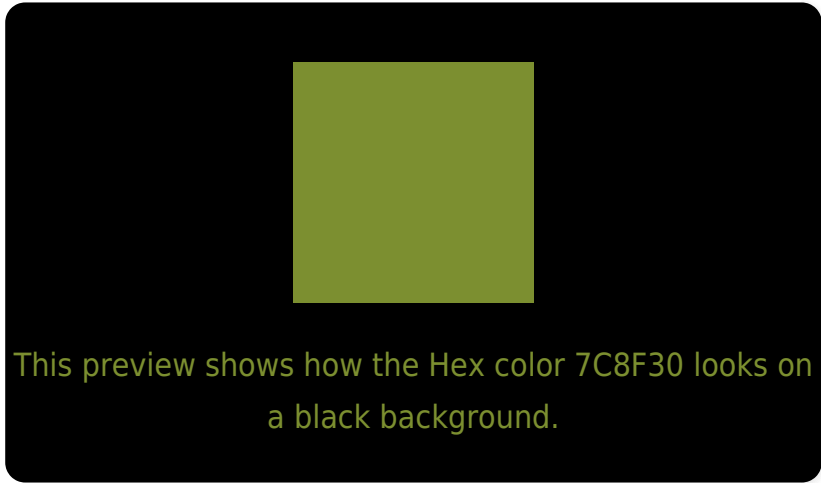
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7C8F30 Background



This preview shows how black text looks on a background with the Hex color 7C8F30.



This preview shows how white text looks on a background with the Hex color 7C8F30.

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
7C8F30

Protanopia
97872E

Deuteranopia
A78035



Tritanopia
868690

Trichromacy



Original Color
7C8F30

Protanomaly
8D8A2F

Deuteranomaly
978533

Tritanomaly
82896D

Monochromacy



Original Color
7C8F30

Achromatopsia
7E7E7E

Achromatomaly
7D8462

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8F30 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 #7C8F30 looks like.

```
.text, #text, p{  
    color:#7C8F30  
}
```

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 #7C8F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8F30
}
```

Border

The CSS property to change the border of an element to Hex 7C8F30 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
#7C8F30 }
```

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

```
.border{ border-color:#7C8F30 }
```

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

Here you see how a box with a 4 pixel #7C8F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8F30; -webkit-box-shadow:4px 4px  
4px 4px #7C8F30; box-shadow:4px 4px 4px  
4px #7C8F30 }
```

Background

The CSS property to change the background color of an element to Hex 7C8F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8F30 }
```

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

```
.background{ background-color:#7C8F30 }
```

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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