

Converting Colors

Hex(1F7900)

Have a look what the booklet for
Hex(1F7900) contains.

Hex(1F7900)	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(1F7900)

Conversions

Conversions Part 1

Format	Color
Hex	1F7900
RGB	31, 121, 0
RGB Percent	12%, 47%, 0%
CMY	0.8784, 0.5255, 1.0000
CMYK	0.74, 0.00, 1.00, 0.53
HSL	105°, 100%, 24%
HSV	105°, 100%, 47%
XYZ	7.4024, 13.9661, 2.3056
YIQ	80.2960, -14.7990, -56.7110

Conversions

Conversions Part 2

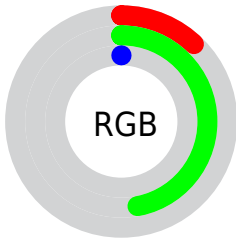
Format	Color
RYB	0, 121, 90
Decimal	2062592
CIELab	44.18, -45.89, 48.43
CIELCh	44, 66.722, 133.454
Yxy	13.9661, 0.3127, 0.5899
Android (android.graphics.Color)	4280252672 (0xFF1F7900)
YUV	80.2960, -39.5859, -43.2326
Hunter-Lab	37.3712, -30.0425, 22.5020

Details

The Hex color **1F7900** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5A0079**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5CAE3E**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **1F7900**, and if you desaturate by 10%, it is **28790C**.

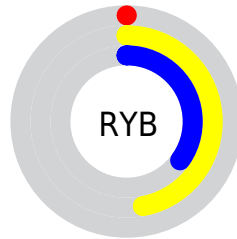
Distribution



Red (12%)

Green (47%)

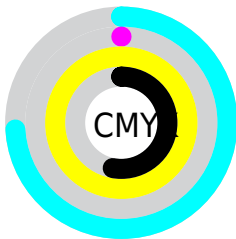
Blue (0%)



Red (0%)

Yellow (47%)

Blue (35%)

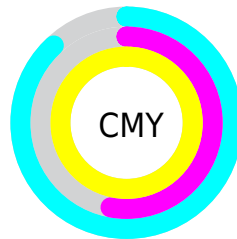


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (88%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7900 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 1F7900 by changing the saturation by 10% instead.

 1F7900

 1F7900

FFFFFFE

 006000

 5CAE3E

 004700

 78CA58

 003000

 94E772

 001700

 B0FF8D

 000000


 CDFFA8

 EBFFC4

 FFFFE1

 1F7900

 28790C

 317918

 3A7924

 437930

 4C793C

 557949

 5E7955

 677961

 70796D

Harmonies

Analogous

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



686E00



1F7900



007E47

Triad

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



1F7900



0078D4



C82052

Complementary

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



1F7900



5A0079

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.



BA2A89



1F7900



0067D6

Square

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



1F7900



007FB4



884CBA



BA3E1C

Rectangle

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



1F7900



00806E



884CBA



C71D65

Sweetspot

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



1F7900



7B9E6F



795900



3A4F33



CFCFCF



4F4F4F

Same Dimension

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



1F7900



299E00



00791C



393D37



207D00



41FC00

Inverse Universe

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



5A0079



76009E



79005D



3C373D



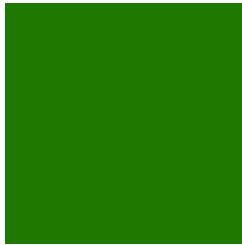
5D007D



BC00FC

Previews

White Background



This preview shows how the Hex color 1F7900 looks on a white background.

Color Contrast Check

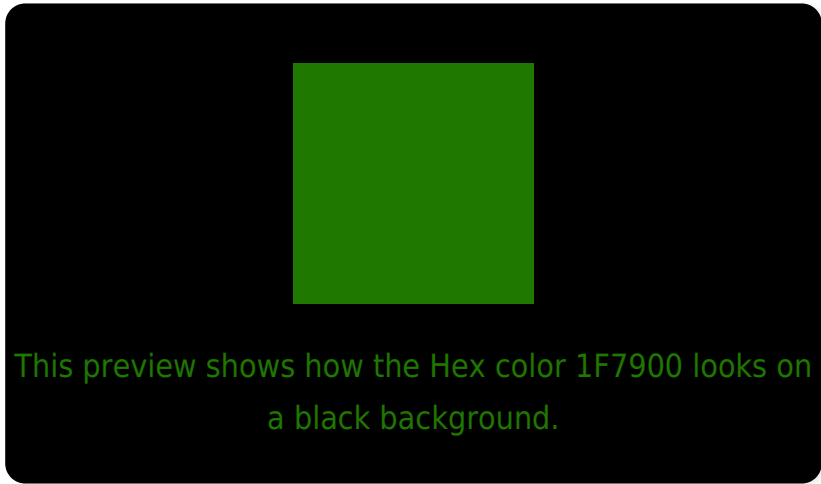
Large Text (above 18pt) WCAG AA ✓ Pass

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

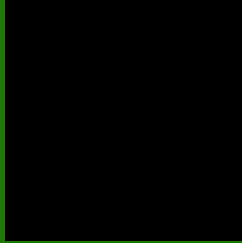
Any Text WCAG AA × Fail

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 1F7900 Background



This preview shows how black text looks on a background with the Hex color 1F7900.



This preview shows how white text looks on a background with the Hex color 1F7900.

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
1F7900

Protanopia
756800

Deuteranopia
83631A



Tritanopia
3A707A

Trichromacy



Original Color
1F7900



Protanomaly
566E00



Deuteranomaly
5F6B11



Tritanomaly
30734E

Monochromacy



Original Color
1F7900



Achromatopsia
505050



Achromatomaly
3E5F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7900 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 #1F7900 looks like.

```
.text, #text, p{  
    color:#1F7900  
}
```

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 #1F7900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7900
}
```

Border

The CSS property to change the border of an element to Hex 1F7900 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".

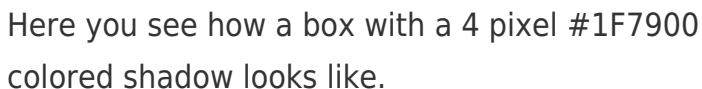
```
.border, #border, table{ border:4px solid
#1F7900 }
```

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

```
.border{ border-color:#1F7900 }
```

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

Here you see how a box with a 4 pixel #1F7900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7900; -webkit-box-shadow:4px 4px  
4px 4px #1F7900; box-shadow:4px 4px 4px  
4px #1F7900 }
```

Background

The CSS property to change the background color of an element to Hex 1F7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7900 }
```

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

```
.background{ background-color:#1F7900 }
```

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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