

Converting Colors

Hex(1F3799)

Have a look what the booklet for
Hex(1F3799) contains.

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Color

Hex(1F3799)

Conversions

Conversions Part 1

Format	Color
Hex	1F3799
RGB	31, 55, 153
RGB Percent	12%, 22%, 60%
CMY	0.8784, 0.7843, 0.4000
CMYK	0.80, 0.64, 0.00, 0.40
HSL	228°, 66%, 36%
HSV	228°, 80%, 60%
XYZ	7.6810, 5.3236, 30.7597
YIQ	58.9960, -45.7620, 25.3900

Conversions

Conversions Part 2

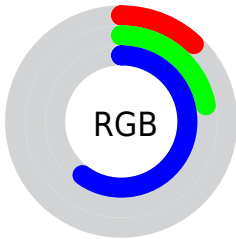
Format	Color
R _Y B	31, 51, 153
Decimal	2045849
CIE Lab	27.64, 28.08, -55.99
CIE LCh	28, 62.640, 296.631
Yxy	5.3236, 0.1755, 0.1216
Android (android.graphics.Color)	4280235929 (0xFF1F3799)
YUV	58.9960, 46.3440, -24.5525
Hunter-Lab	23.0729, 19.0455, -62.8916

Details

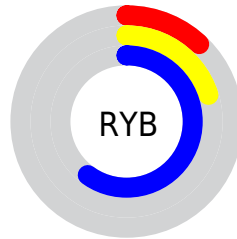
The Hex color **1F3799** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **99811F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6166D0**, and **000F65** is the 20% darker color. If you saturate the color by 10%, you get **102B99**, and if you desaturate by 10%, it is **2E4399**.

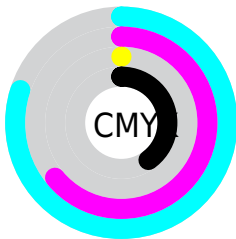
Distribution



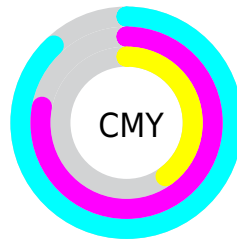
- Red (12%)
- Green (22%)
- Blue (60%)



- Red (12%)
- Yellow (20%)
- Blue (60%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3799 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 1F3799 by changing the saturation by 10% instead.

■ 1F3799

■ 1F3799

FFFFFF

■ 00227E

■ 6166D0

■ 000F65

■ 7E7FED

■ 00004C

■ 9A98FF

■ 000434

■ B7B3FF

■ 00021E

■ D5CFFF

■ 000000

■ F3EBFF

■ 1F3799

■ 1F3799

■ 102B99

■ 2E4399

001E99

3E5099

4D5C99

5C6899

6B7499

7B8199

8A8D99

999999

A9A699

Harmonies

Analogous

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



004AA3



1F3799



730F77

Triad

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



1F3799



792500



00533A

Complementary

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



1F3799



99811F

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.



005100



1F3799



563E00

Square

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



1F3799



8E001A



264B00



00546C

Rectangle

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



1F3799



890059



264B00



005329

Sweetspot

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



1F3799



97A1C7



1F9981



474C63



E3E3E3



636363

Same Dimension

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



1F3799



082EC7



441F99



45464D



001C8C



00030D

Inverse Universe

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



991F37



C7082E



74991F



4D4546



8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 1F3799 looks on a white background.

Color Contrast Check

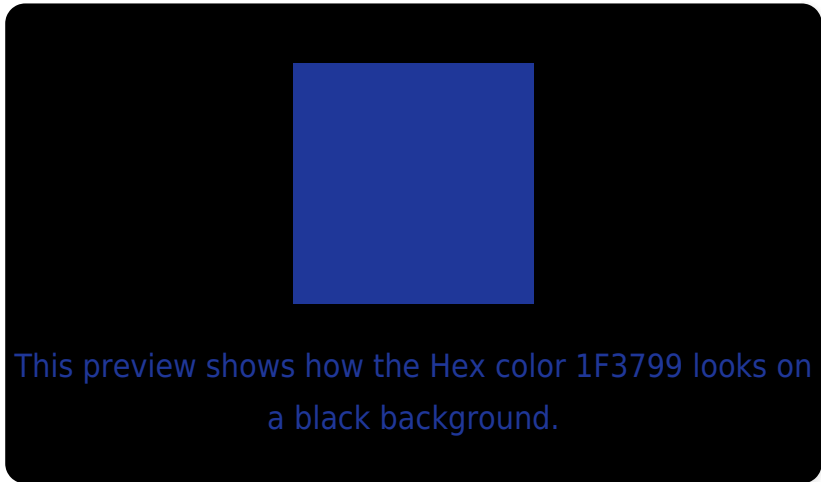
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

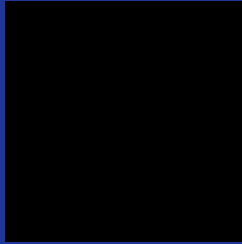
Any Text WCAG AA × Fail

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 1F3799 Background



This preview shows how black text looks on a background with the Hex color 1F3799.



This preview shows how white text looks on a background with the Hex color 1F3799.

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
1F3799

Protanopia
003F85

Deuteranopia
004372



Tritanopia
00484D

Trichromacy



Original Color
1F3799

Protanomaly
0B3C8C

Deuteranomaly
0B3F80

Tritanomaly
0B4269

Monochromacy



Original Color
1F3799

Achromatopsia
3B3B3B

Achromatomaly
313A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3799 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 #1F3799 looks like.

```
.text, #text, p{  
    color:#1F3799  
}
```

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 #1F3799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3799
}
```

Border

The CSS property to change the border of an element to Hex 1F3799 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
#1F3799 }
```

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

```
.border{ border-color:#1F3799 }
```

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

Here you see how a box with a 4 pixel #1F3799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3799; -webkit-box-shadow:4px 4px  
4px 4px #1F3799; box-shadow:4px 4px 4px  
4px #1F3799 }
```

Background

The CSS property to change the background color of an element to Hex 1F3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3799 }
```

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

```
.background{ background-color:#1F3799 }
```

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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