

Converting Colors

Hex(3F1790)

Have a look what the booklet for
Hex(3F1790) contains.

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Color

Hex(3F1790)

Conversions

Conversions Part 1

Format	Color
Hex	3F1790
RGB	63, 23, 144
RGB Percent	25%, 9%, 56%
CMY	0.7529, 0.9098, 0.4353
CMYK	0.56, 0.84, 0.00, 0.44
HSL	260°, 72%, 33%
HSV	260°, 84%, 56%
XYZ	7.3903, 3.6832, 26.7070
YIQ	48.7540, -15.0010, 46.1110

Conversions

Conversions Part 2

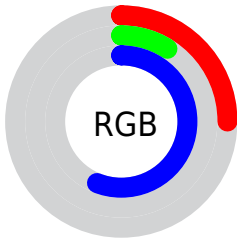
Format	Color
RYB	63, 23, 144
Decimal	4134800
CIELab	22.60, 47.05, -58.65
CIELCh	23, 75.191, 308.737
Yxy	3.6832, 0.1956, 0.0975
Android (android.graphics.Color)	4282324880 (0xFF3F1790)
YUV	48.7540, 46.9563, 12.4937
Hunter-Lab	19.1916, 35.1519, -69.0737

Details

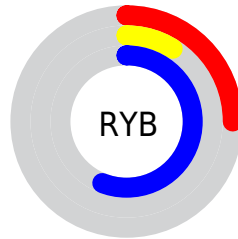
The Hex color **3F1790** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **689017**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7849C7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **350990**, and if you desaturate by 10%, it is **492590**.

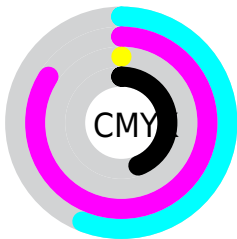
Distribution



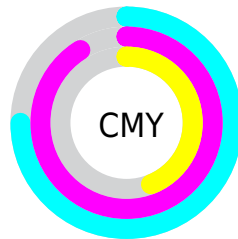
- Red (25%)
- Green (9%)
- Blue (56%)



- Red (25%)
- Yellow (9%)
- Blue (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1790 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 3F1790 by changing the saturation by 10% instead.

■ 3F1790

■ 3F1790

FFFFFF

■ 1E0076

■ 7849C7

■ 00005C

■ 9462E3

■ 000044

■ B17CFF

■ 00032C

■ CE97FF

■ 000117

■ ECB2FF

■ 000000

■ FFCEFF

■ FFEAFF

■ 3F1790

■ 3F1790

■ 350990

■ 492590

■ 300090

■ 523490

■ 5C4290

■ 665190

■ 6F5F90

■ 796D90

■ 827C90

■ 8C8A90

■ 969990

Harmonies

Analogous

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



003BA9



3F1790



7F0060

Triad

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



3F1790



622200



004946

Complementary

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



3F1790



689017

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.



004705



3F1790



353A00

Square

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



3F1790



820000



004300



004A7D

Rectangle

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



3F1790



8E003B



004300



004832

Sweetspot

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



3F1790



9B8CBA



176A90



4B425E



DEDEDE



5E5E5E

Same Dimension

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



3F1790



3E00BA



7A1790



434047



2D0087



030008

Inverse Universe

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



901768



BA007D



2D9017



474045



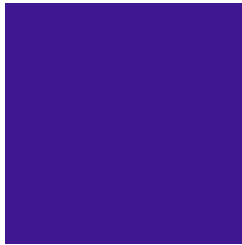
87005A



080005

Previews

White Background



This preview shows how the Hex color 3F1790 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 3F1790 Background



This preview shows how black text looks on a background with the Hex color 3F1790.



This preview shows how white text looks on a background with the Hex color 3F1790.

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](#).

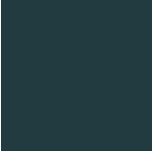
Dichromacy



Original Color
3F1790

Protanopia
003570

Deuteranopia
00395F



Tritanopia
213B40

Trichromacy



Original Color
3F1790

Protanomaly
172A7C

Deuteranomaly
172D71

Tritanomaly
2C2E5D

Monochromacy



Original Color
3F1790

Achromatopsia
313131

Achromatomaly
362854

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1790 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 #3F1790 looks like.

```
.text, #text, p{  
    color:#3F1790  
}
```

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 #3F1790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1790
}
```

Border

The CSS property to change the border of an element to Hex 3F1790 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
#3F1790 }
```

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

```
.border{ border-color:#3F1790 }
```

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

Here you see how a box with a 4 pixel #3F1790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1790; -webkit-box-shadow:4px 4px  
4px 4px #3F1790; box-shadow:4px 4px 4px  
4px #3F1790 }
```

Background

The CSS property to change the background color of an element to Hex 3F1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1790 }
```

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

```
.background{ background-color:#3F1790 }
```

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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