

Converting Colors

Hex(3F1C80)

Have a look what the booklet for
Hex(3F1C80) contains.

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Color

Hex(3F1C80)

Conversions

Conversions Part 1

Format	Color
Hex	3F1C80
RGB	63, 28, 128
RGB Percent	25%, 11%, 50%
CMY	0.7529, 0.8902, 0.4980
CMYK	0.51, 0.78, 0.00, 0.50
HSL	261°, 64%, 31%
HSV	261°, 78%, 50%
XYZ	6.3614, 3.4458, 20.7519
YIQ	49.8650, -11.2400, 38.5200

Conversions

Conversions Part 2

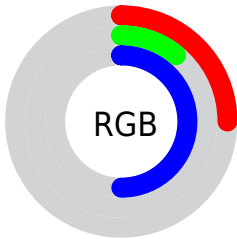
Format	Color
R _Y B	63, 28, 128
Decimal	4136064
CIE Lab	21.75, 40.30, -50.01
CIE LCh	22, 64.232, 308.862
Yxy	3.4458, 0.2082, 0.1128
Android (android.graphics.Color)	4282326144 (0xFF3F1C80)
YUV	49.8650, 38.5206, 11.5194
Hunter-Lab	18.5628, 28.6866, -53.2880

Details

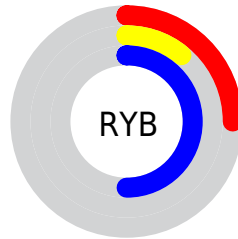
The Hex color **3F1C80** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D801C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **754CB6**, and **02004E** is the 20% darker color. If you saturate the color by 10%, you get **370F80**, and if you desaturate by 10%, it is **472980**.

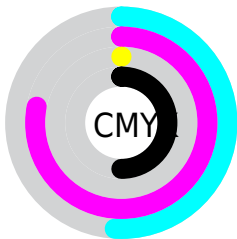
Distribution



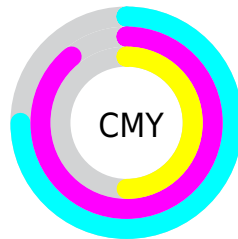
- Red (25%)
- Green (11%)
- Blue (50%)



- Red (25%)
- Yellow (11%)
- Blue (50%)



- Cyan (51%)
- Magenta (78%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (89%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1C80 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 3F1C80 by changing the saturation by 10% instead.

■ 3F1C80

■ 3F1C80

FFFFFF

■ 220366

■ 754CB6

■ 02004E

■ 9165D2

■ 000136

■ AD7EEE

■ 000220

■ CA99FF

■ 000003

■ E7B4FF

■ 000000

■ FFD0FF

■ FFECFF

■ 3F1C80

■ 3F1C80

■ 370F80

■ 472980

■ 2E0280

■ 503680

■ 2D0080

■ 584280

■ 604F80

■ 695C80

■ 716980

■ 797680

■ 828280

■ 8A8F80

Harmonies

Analogous

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



003795



3F1C80



730058

Triad

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



3F1C80



5B2400



004542

Complementary

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



3F1C80



5D801C

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.



00440D



3F1C80



343700

Square

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



3F1C80



770000



004000



004670

Rectangle

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



3F1C80



800038



004000



004531

Sweetspot

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



3F1C80



8D80A6



1C5D80



453D54



D4D4D4



545454

Same Dimension

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



3F1C80



400AA6



711C80



3C3940



2D0080



000000

Inverse Universe

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



801C5D



A60A6F



2B801C



40393E



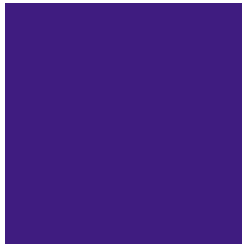
800053



000000

Previews

White Background



This preview shows how the Hex color 3F1C80 looks on a white background.

Color Contrast Check

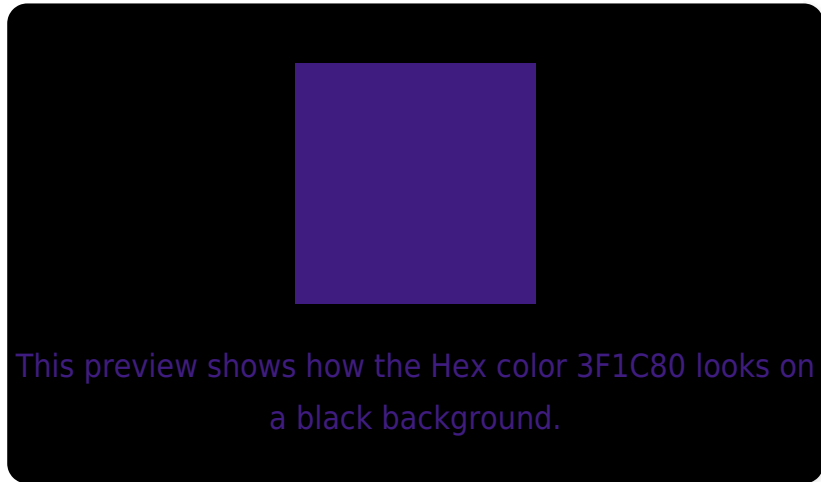
Large Text (above 18pt) WCAG AA ✓ Pass

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

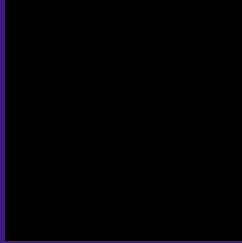
Any Text WCAG AA × Fail

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 3F1C80 Background



This preview shows how black text looks on a background with the Hex color 3F1C80.



This preview shows how white text looks on a background with the Hex color 3F1C80.

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
3F1C80

Protanopia
00336C

Deuteranopia
00375C



Tritanopia
2B373B

Trichromacy



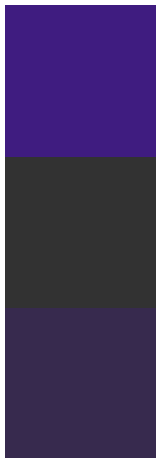
Original Color
3F1C80

Protanomaly
172B73

Deuteranomaly
172D69

Tritanomaly
322D54

Monochromacy



Original Color
3F1C80

Achromatopsia
323232

Achromatomaly
372A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1C80 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 #3F1C80 looks like.

```
.text, #text, p{  
    color:#3F1C80  
}
```

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 #3F1C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1C80
}
```

Border

The CSS property to change the border of an element to Hex 3F1C80 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
#3F1C80 }
```

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

```
.border{ border-color:#3F1C80 }
```

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

Here you see how a box with a 4 pixel #3F1C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1C80; -webkit-box-shadow:4px 4px  
4px 4px #3F1C80; box-shadow:4px 4px 4px  
4px #3F1C80 }
```

Background

The CSS property to change the background color of an element to Hex 3F1C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1C80 }
```

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

```
.background{ background-color:#3F1C80 }
```

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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