

Converting Colors

Hex(3F1A7A)

Have a look what the booklet for
Hex(3F1A7A) contains.

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Color

Hex(3F1A7A)

Conversions

Conversions Part 1

Format	Color
Hex	3F1A7A
RGB	63, 26, 122
RGB Percent	25%, 10%, 48%
CMY	0.7529, 0.8980, 0.5216
CMYK	0.48, 0.79, 0.00, 0.52
HSL	263°, 65%, 29%
HSV	263°, 79%, 48%
XYZ	5.9321, 3.2007, 18.7175
YIQ	48.0070, -8.7640, 37.7000

Conversions

Conversions Part 2

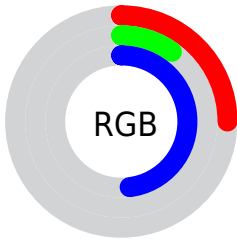
Format	Color
RYB	63, 26, 122
Decimal	4135546
CIELab	20.83, 39.58, -47.70
CIELCh	21, 61.987, 309.683
Yxy	3.2007, 0.2130, 0.1149
Android (android.graphics.Color)	4282325626 (0xFF3F1A7A)
YUV	48.0070, 36.4785, 13.1489
Hunter-Lab	17.8905, 27.8789, -49.5074

Details

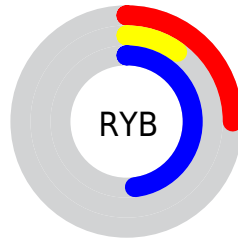
The Hex color **3F1A7A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **557A1A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **754AAF**, and **090048** is the 20% darker color. If you saturate the color by 10%, you get **380E7A**, and if you desaturate by 10%, it is **46267A**.

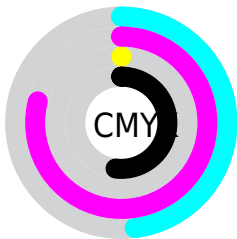
Distribution



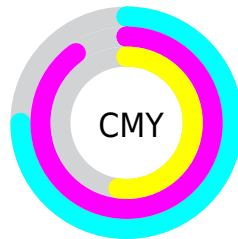
- Red (25%)
- Green (10%)
- Blue (48%)



- Red (25%)
- Yellow (10%)
- Blue (48%)



- Cyan (48%)
- Magenta (79%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (90%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1A7A 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 3F1A7A by changing the saturation by 10% instead.

■ 3F1A7A

■ 3F1A7A

FFFFFF

■ 230161

■ 754AAF

■ 090048

■ 9063CB

■ 000431

■ AC7CE8

■ 00011B

■ C897FF

■ 000000

■ E5B2FF

■ FFCEFF

■ FFEAFF

■ 3F1A7A

■ 3F1A7A

■ 380E7A

■ 46267A

■ 30027A

■ 4E327A

■ 2F007A

■ 553F7A

■ 5D4B7A

■ 64577A

■ 6C637A

■ 736F7A

■ 7B7C7A

■ 82887A

Harmonies

Analogous

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



00358F



3F1A7A



6F0053

Triad

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



3F1A7A



572300



004340

Complementary

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



3F1A7A



557A1A

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.



00410E



3F1A7A



313500

Square

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



3F1A7A



720000



003E00



00436D

Rectangle

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



3F1A7A



7B0035



003E00



004230

Sweetspot

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



3F1A7A



87789E



1A557A



41384F



CFCFCF



4F4F4F

Same Dimension

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



3F1A7A



43099E



6F1A7A



39373D



30007D



6100FC

Inverse Universe

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



7A1A55



9E0965



257A1A



3D373B



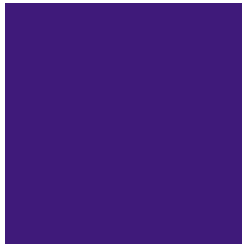
7D004D



FC009B

Previews

White Background



This preview shows how the Hex color 3F1A7A 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

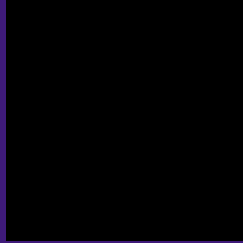
Any Text WCAG AA × Fail

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 3F1A7A Background



This preview shows how black text looks on a background with the Hex color 3F1A7A.



This preview shows how white text looks on a background with the Hex color 3F1A7A.

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](#).

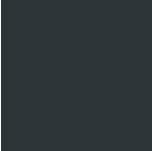
Dichromacy



Original Color
3F1A7A

Protanopia
003168

Deuteranopia
003559



Tritanopia
2D3438

Trichromacy



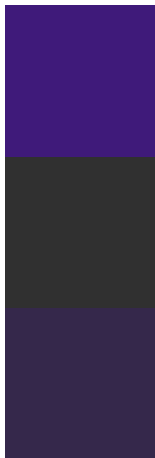
Original Color
3F1A7A

Protanomaly
17296F

Deuteranomaly
172B65

Tritanomaly
342B50

Monochromacy



Original Color
3F1A7A

Achromatopsia
303030

Achromatomaly
35284B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1A7A 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 #3F1A7A looks like.

```
.text, #text, p{  
    color:#3F1A7A  
}
```

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 #3F1A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1A7A
}
```

Border

The CSS property to change the border of an element to Hex 3F1A7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

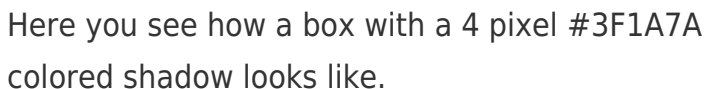
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1A7A }
```

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

```
.border{ border-color:#3F1A7A }
```

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



Here you see how a box with a 4 pixel #3F1A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1A7A; -webkit-box-shadow:4px 4px  
4px 4px #3F1A7A; box-shadow:4px 4px 4px  
4px #3F1A7A }
```

Background

The CSS property to change the background color of an element to Hex 3F1A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1A7A }
```

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

```
.background{ background-color:#3F1A7A }
```

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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