

Converting Colors

Hex(3F1F75)

Have a look what the booklet for
Hex(3F1F75) contains.

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Color

Hex(3F1F75)

Conversions

Conversions Part 1

Format	Color
Hex	3F1F75
RGB	63, 31, 117
RGB Percent	25%, 12%, 46%
CMY	0.7529, 0.8784, 0.5412
CMYK	0.46, 0.74, 0.00, 0.54
HSL	262°, 58%, 29%
HSV	262°, 74%, 46%
XYZ	5.7508, 3.3211, 17.1676
YIQ	50.3720, -8.5340, 33.5300

Conversions

Conversions Part 2

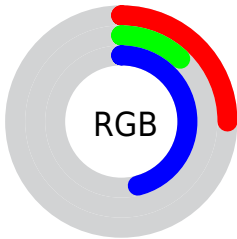
Format	Color
RYB	63, 31, 117
Decimal	4136821
CIELab	21.29, 35.57, -43.76
CIELCh	21, 56.395, 309.108
Yxy	3.3211, 0.2192, 0.1266
Android (android.graphics.Color)	4282326901 (0xFF3F1F75)
YUV	50.3720, 32.8476, 11.0748
Hunter-Lab	18.2239, 24.4362, -43.0967

Details

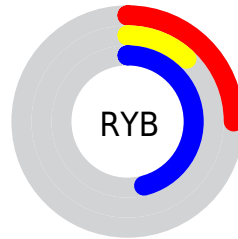
The Hex color **3F1F75** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **55751F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **744EAA**, and **0C0044** is the 20% darker color. If you saturate the color by 10%, you get **381375**, and if you desaturate by 10%, it is **462B75**.

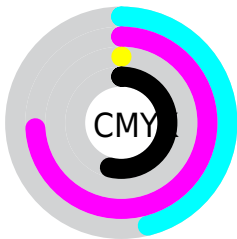
Distribution



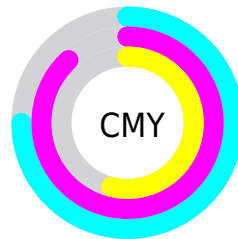
- Red (25%)
- Green (12%)
- Blue (46%)



- Red (25%)
- Yellow (12%)
- Blue (46%)



- Cyan (46%)
- Magenta (74%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1F75 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 3F1F75 by changing the saturation by 10% instead.

■ 3F1F75

■ 3F1F75

FFFFFF

■ 24075C

■ 744EAA

■ 0C0044

■ 8F67C6

■ 00032C

■ AA80E2

■ 000117

■ C79BFF

■ 000000

■ E3B6FF

■ FFD2FF

■ FFEEFF

■ 3F1F75

■ 3F1F75

■ 381375

■ 462B75

■ 300875

■ 4E3675

■ 2C0075

■ 554275

■ 5C4E75

■ 645A75

■ 6B6575

■ 727175

■ 7A7D75

■ 818875

Harmonies

Analogous

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



003587



3F1F75



6B0052

Triad

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



3F1F75



572500



00433F

Complementary

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



3F1F75



55751F

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.



004112



3F1F75



353600

Square

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



3F1F75



6F0000



003E00



004368

Rectangle

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



3F1F75



760036



003E00



004331

Sweetspot

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



3F1F75



847799



1F5575



40394D



CCCCCC



4D4D4D

Same Dimension

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



3F1F75



441299



6A1F75



37353B



2E007A



5D00FA

Inverse Universe

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



751F55



991267



2A751F



3B3538



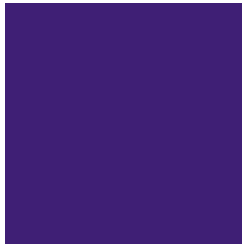
7A004D



FA009D

Previews

White Background



This preview shows how the Hex color 3F1F75 looks on a white background.

Color Contrast Check

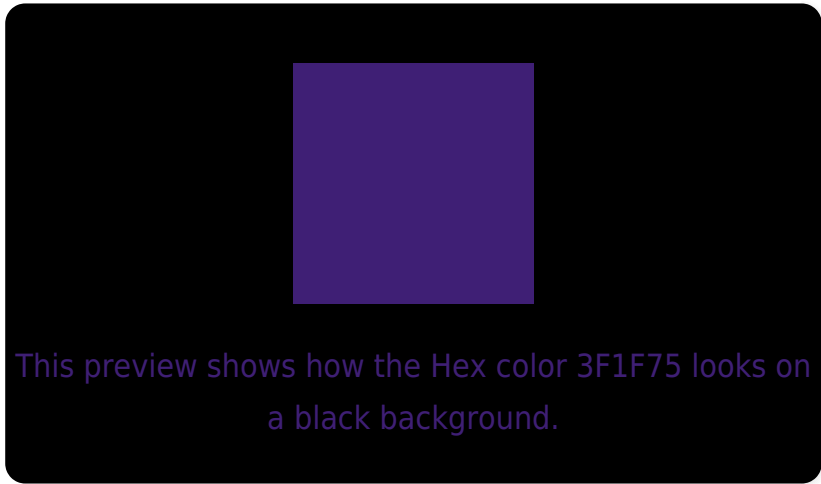
Large Text (above 18pt) WCAG AA ✓ Pass

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

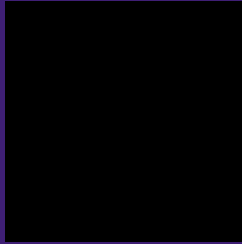
Any Text WCAG AA × Fail

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 3F1F75 Background



This preview shows how black text looks on a background with the Hex color 3F1F75.



This preview shows how white text looks on a background with the Hex color 3F1F75.

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](#).

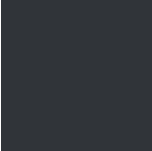
Dichromacy



Original Color
3F1F75

Protanopia
00326A

Deuteranopia
00355B



Tritanopia
303439

Trichromacy



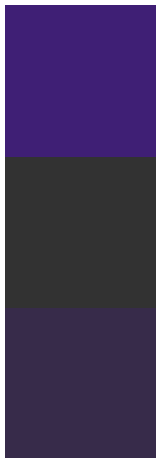
Original Color
3F1F75

Protanomaly
172B6E

Deuteranomaly
172D64

Tritanomaly
352C4F

Monochromacy



Original Color
3F1F75

Achromatopsia
323232

Achromatomaly
372B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1F75 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 #3F1F75 looks like.

```
.text, #text, p{  
    color:#3F1F75  
}
```

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 #3F1F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1F75
}
```

Border

The CSS property to change the border of an element to Hex 3F1F75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

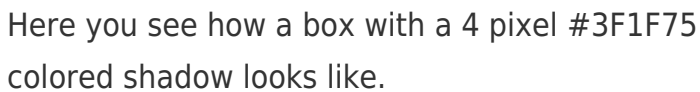
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1F75 }
```

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

```
.border{ border-color:#3F1F75 }
```

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



Here you see how a box with a 4 pixel `#3F1F75` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1F75; -webkit-box-shadow:4px 4px  
4px 4px #3F1F75; box-shadow:4px 4px 4px  
4px #3F1F75 }
```

Background

The CSS property to change the background color of an element to Hex 3F1F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1F75 }
```

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

```
.background{ background-color:#3F1F75 }
```

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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