

Converting Colors

Hex(3F1D5D)

Have a look what the booklet for
Hex(3F1D5D) contains.

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Color

Hex(3F1D5D)

Conversions

Conversions Part 1

Format	Color
Hex	3F1D5D
RGB	63, 29, 93
RGB Percent	25%, 11%, 36%
CMY	0.7529, 0.8863, 0.6353
CMYK	0.32, 0.69, 0.00, 0.64
HSL	272°, 52%, 24%
HSV	272°, 69%, 36%
XYZ	4.4650, 2.7258, 10.6467
YIQ	46.4620, -0.2800, 27.1120

Conversions

Conversions Part 2

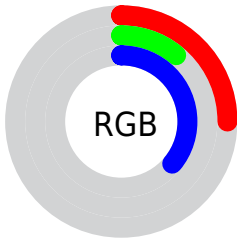
Format	Color
RYB	63, 29, 93
Decimal	4136285
CIELab	18.91, 29.94, -31.95
CIElCh	19, 43.783, 313.136
Yxy	2.7258, 0.2503, 0.1528
Android (android.graphics.Color)	4282326365 (0xFF3F1D5D)
YUV	46.4620, 22.9432, 14.5038
Hunter-Lab	16.5100, 19.3819, -26.6770

Details

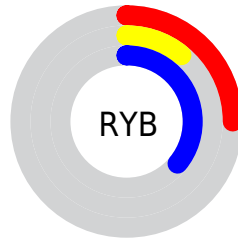
The Hex color **3F1D5D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3B5D1D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **714B90**, and **14002F** is the 20% darker color. If you saturate the color by 10%, you get **3B145D**, and if you desaturate by 10%, it is **43265D**.

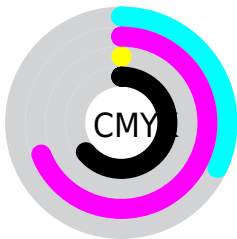
Distribution



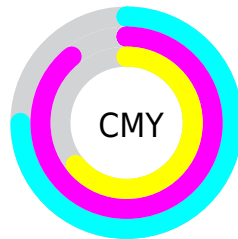
- Red (25%)
- Green (11%)
- Blue (36%)



- Red (25%)
- Yellow (11%)
- Blue (36%)



- Cyan (32%)
- Magenta (69%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1D5D 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 3F1D5D by changing the saturation by 10% instead.

■ 3F1D5D

■ 3F1D5D

FFFFFF

■ 270645

■ 714B90

■ 14002F

■ 8C64AB

■ 000119

■ A77DC6

■ 000000

■ C297E2

■ DFB2FF

■ FCCEFF

■ FFEAFF

■ 3F1D5D

■ 3F1D5D

■ 3B145D

■ 43265D

■ 360A5D

■ 48305D

■ 32015D

■ 4C395D

■ 31005D

■ 50425D

■ 554B5D

■ 59555D

■ 5E5E5D

■ 62675D

■ 66715D

Harmonies

Analogous

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



002E6D



3F1D5D



5C0341

Triad

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



3F1D5D



482600



003B3C

Complementary

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



3F1D5D



3B5D1D

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.



003A1A



3F1D5D



2D3100

Square

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



3F1D5D



5C1300



033700



003A59

Rectangle

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



3F1D5D



63002C



033700



003B31

Sweetspot

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



3F1D5D



6C5F78



1D3C5D



362E3D



BDBDBD



3D3D3D

Same Dimension

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



3F1D5D



491478



5D1D5C



2C292E



3A006E



7E00ED

Inverse Universe

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



5D1D3B



781443



1D5D1E



2E292B



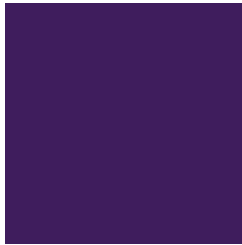
6E0033



ED006F

Previews

White Background



This preview shows how the Hex color 3F1D5D 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 3F1D5D Background



This preview shows how black text looks on a background with the Hex color 3F1D5D.



This preview shows how white text looks on a background with the Hex color 3F1D5D.

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
3F1D5D

Protanopia
002D60

Deuteranopia
003054

Trichromacy



Original Color
3F1D5D

Protanomaly
17275F

Deuteranomaly
172957

Tritanomaly
392740

Monochromacy



Original Color
3F1D5D

Achromatopsia
2E2E2E

Achromatomaly
34283F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1D5D 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 #3F1D5D looks like.

```
.text, #text, p{  
    color:#3F1D5D  
}
```

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 #3F1D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1D5D  
}
```

Border

The CSS property to change the border of an element to Hex 3F1D5D 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".

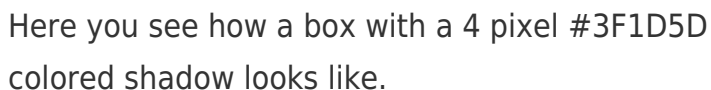
```
.border, #border, table{ border:4px solid  
#3F1D5D }
```

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

```
.border{ border-color:#3F1D5D }
```

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

Here you see how a box with a 4 pixel #3F1D5D colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1D5D; -webkit-box-shadow:4px 4px  
4px 4px #3F1D5D; box-shadow:4px 4px 4px  
4px #3F1D5D }
```

Background

The CSS property to change the background color of an element to Hex 3F1D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1D5D }
```

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

```
.background{ background-color:#3F1D5D }
```

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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