

Converting Colors

Hex(3F1A4E)

Have a look what the booklet for
Hex(3F1A4E) contains.

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Color

Hex(3F1A4E)

Conversions

Conversions Part 1

Format	Color
Hex	3F1A4E
RGB	63, 26, 78
RGB Percent	25%, 10%, 31%
CMY	0.7529, 0.8980, 0.6941
CMYK	0.19, 0.67, 0.00, 0.69
HSL	283°, 50%, 20%
HSV	283°, 67%, 31%
XYZ	3.7944, 2.3456, 7.4605
YIQ	42.9910, 5.3600, 24.0160

Conversions

Conversions Part 2

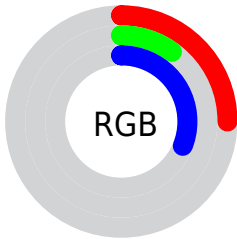
Format	Color
RYB	63, 26, 78
Decimal	4135502
CIELab	17.21, 27.76, -24.59
CIELCh	17, 37.083, 318.465
Yxy	2.3456, 0.2790, 0.1725
Android (android.graphics.Color)	4282325582 (0xFF3F1A4E)
YUV	42.9910, 17.2594, 17.5479
Hunter-Lab	15.3154, 17.4221, -18.1608

Details

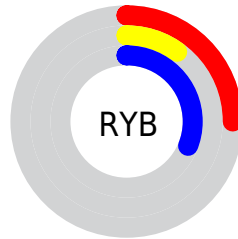
The Hex color **3F1A4E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **294E1A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **71487F**, and **100021** is the 20% darker color. If you saturate the color by 10%, you get **3D124E**, and if you desaturate by 10%, it is **41224E**.

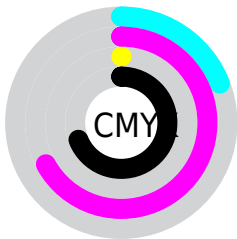
Distribution



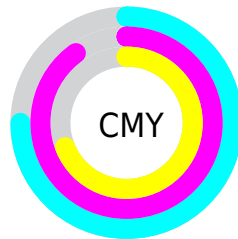
- Red (25%)
- Green (10%)
- Blue (31%)



- Red (25%)
- Yellow (10%)
- Blue (31%)



- Cyan (19%)
- Magenta (67%)
- Yellow (0%)
- Black (69%)



- Cyan (75%)
- Magenta (90%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1A4E 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 3F1A4E by changing the saturation by 10% instead.

■ 3F1A4E

■ 3F1A4E

FFFFFF

■ 280437

■ 71487F

■ 100021

■ 8B609A

■ 000006

■ A579B5

■ 000000

■ C194D0

■ DDAEED

■ FACAFF

■ FFE6FF

■ 3F1A4E

■ 3F1A4E

■ 3D124E

■ 41224E

■ 3B0A4E

■ 442A4E

■ 38034E

■ 46314E

■ 38004E

■ 48394E

■ 4A414E

■ 4D494E

■ 4F514E

■ 51584E

■ 53604E

Harmonies

Analogous

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



06285D



3F1A4E



540A36

Triad

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



3F1A4E



3E2500



00363A

Complementary

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



3F1A4E



294E1A

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.



00351F



3F1A4E



262E00

Square

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



3F1A4E



501800



003300



003552

Rectangle

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



3F1A4E



580624



003300



003631

Sweetspot

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



3F1A4E



605266



1A2A4E



2F2733



B3B3B3



333333

Same Dimension

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



3F1A4E



4E1466



4E1A44



252226



490066



A300E6

Inverse Universe

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



4E1A29



66142C



1A4E24



262224



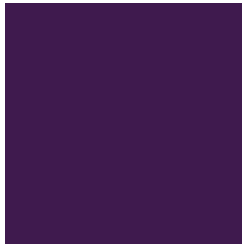
66001D



E60042

Previews

White Background



This preview shows how the Hex color 3F1A4E 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

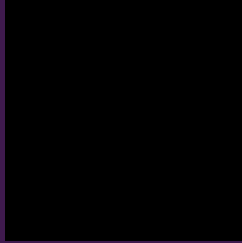
Any Text WCAG AA × Fail

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 3F1A4E Background



This preview shows how black text looks on a background with the Hex color 3F1A4E.



This preview shows how white text looks on a background with the Hex color 3F1A4E.

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](#).

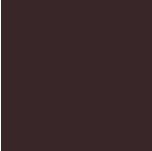
Dichromacy



Original Color
3F1A4E

Protanopia
002A59

Deuteranopia
132C4B



Tritanopia
392629

Trichromacy



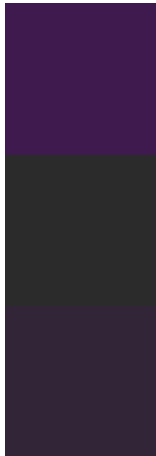
Original Color
3F1A4E

Protanomaly
172455

Deuteranomaly
23254C

Tritanomaly
3B2236

Monochromacy



Original Color
3F1A4E

Achromatopsia
2B2B2B

Achromatomaly
322538

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1A4E 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 #3F1A4E looks like.

```
.text, #text, p{  
    color:#3F1A4E  
}
```

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 #3F1A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1A4E
}
```

Border

The CSS property to change the border of an element to Hex 3F1A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

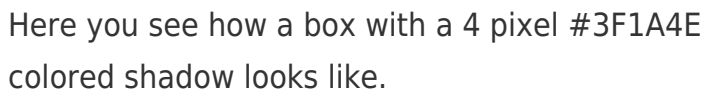
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1A4E }
```

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

```
.border{ border-color:#3F1A4E }
```

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



Here you see how a box with a 4 pixel #3F1A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1A4E; -webkit-box-shadow:4px 4px  
4px 4px #3F1A4E; box-shadow:4px 4px 4px  
4px #3F1A4E }
```

Background

The CSS property to change the background color of an element to Hex 3F1A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1A4E }
```

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

```
.background{ background-color:#3F1A4E }
```

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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