

Converting Colors

Hex(331F4E)

Have a look what the booklet for
Hex(331F4E) contains.

Hex(331F4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(331F4E)

Conversions

Conversions Part 1

Format	Color
Hex	331F4E
RGB	51, 31, 78
RGB Percent	20%, 12%, 31%
CMY	0.8000, 0.8784, 0.6941
CMYK	0.35, 0.60, 0.00, 0.69
HSL	266°, 43%, 21%
HSV	266°, 60%, 31%
XYZ	3.2304, 2.2338, 7.4686
YIQ	42.3380, -3.1670, 18.8570

Conversions

Conversions Part 2

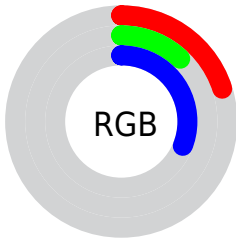
Format	Color
RYB	51, 31, 78
Decimal	3350350
CIELab	16.67, 21.14, -25.54
CIELCh	17, 33.159, 309.616
Yxy	2.2338, 0.2498, 0.1727
Android (android.graphics.Color)	4281540430 (0xFF331F4E)
YUV	42.3380, 17.5814, 7.5966
Hunter-Lab	14.9460, 12.4247, -19.1654

Details

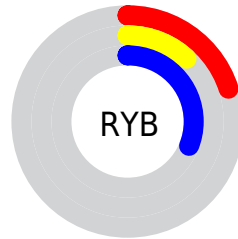
The Hex color **331F4E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A4E1F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **634C7F**, and **000021** is the 20% darker color. If you saturate the color by 10%, you get **2F174E**, and if you desaturate by 10%, it is **37274E**.

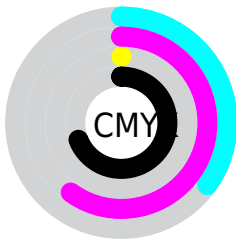
Distribution



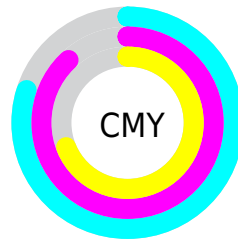
- Red (20%)
- Green (12%)
- Blue (31%)



- Red (20%)
- Yellow (12%)
- Blue (31%)



- Cyan (35%)
- Magenta (60%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331F4E 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 331F4E by changing the saturation by 10% instead.

■ 331F4E

■ 331F4E

FFFFFF

■ 1C0A37

■ 634C7F

■ 000021

■ 7D649A

■ 000006

■ 977DB5

■ 000000

■ B297D0

■ CEB2ED

■ EACDFF

■ FFEAFF

■ 331F4E

■ 331F4E

■ 2F174E

■ 37274E

■ 2A0F4E

■ 3C2F4E

■ 26084E

■ 40364E

■ 21004E

■ 453E4E

■ 49464E

■ 4E4E4E

■ 52564E

■ 575D4E

■ 5B654E

Harmonies

Analogous

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



002A58



331F4E



4B123A

Triad

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



331F4E



412200



003430

Complementary

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



331F4E



3A4E1F

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.



003318



331F4E



2D2B00

Square

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



331F4E



4E160A



143000



003347

Rectangle

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



331F4E



510D2B



143000



003328

Sweetspot

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



331F4E



5B5466



1F3A4E



2D2833



B3B3B3



333333

Same Dimension

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



331F4E



3C1D66



4A1F4E



242226



2B0066



6200E6

Inverse Universe

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



4E1F3A



661D47



234E1F



262225



66003B



E60084

Previews

White Background



This preview shows how the Hex color 331F4E 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

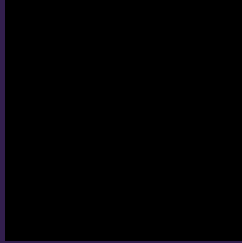
Any Text WCAG AA × Fail

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 331F4E Background



This preview shows how black text looks on a background with the Hex color 331F4E.



This preview shows how white text looks on a background with the Hex color 331F4E.

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
331F4E

Protanopia
002855

Deuteranopia
002A4B

Trichromacy



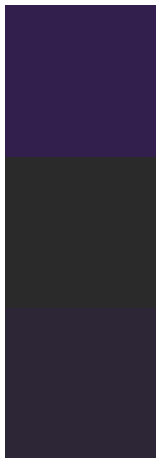
Original Color
331F4E

Protanomaly
132552

Deuteranomaly
13264C

Tritanomaly
2F2538

Monochromacy



Original Color
331F4E

Achromatopsia
2A2A2A

Achromatomaly
2D2637

CSS Examples

Text

The CSS property to change the color of the text to Hex 331F4E 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 #331F4E looks like.

```
.text, #text, p{  
    color:#331F4E  
}
```

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 #331F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331F4E
}
```

Border

The CSS property to change the border of an element to Hex 331F4E 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".

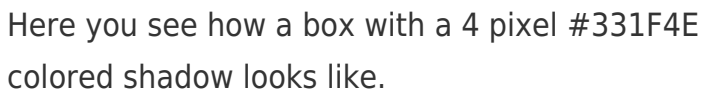
```
.border, #border, table{ border:4px solid
#331F4E }
```

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

```
.border{ border-color:#331F4E }
```

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

Here you see how a box with a 4 pixel #331F4E colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331F4E; -webkit-box-shadow:4px 4px  
4px 4px #331F4E; box-shadow:4px 4px 4px  
4px #331F4E }
```

Background

The CSS property to change the background color of an element to Hex 331F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331F4E }
```

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

```
.background{ background-color:#331F4E }
```

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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