

Converting Colors

Hex(331C4C)

Have a look what the booklet for
Hex(331C4C) contains.

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Color

Hex(331C4C)

Conversions

Conversions Part 1

Format	Color
Hex	331C4C
RGB	51, 28, 76
RGB Percent	20%, 11%, 30%
CMY	0.8000, 0.8902, 0.7020
CMYK	0.33, 0.63, 0.00, 0.70
HSL	269°, 46%, 20%
HSV	269°, 63%, 30%
XYZ	3.0850, 2.0561, 7.0717
YIQ	40.3490, -1.7000, 19.8040

Conversions

Conversions Part 2

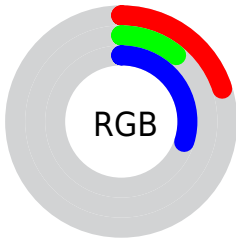
Format	Color
R_{YB}	51, 28, 76
Decimal	3349580
CIE _{Lab}	15.78, 22.51, -25.60
CIE _{LCh}	16, 34.093, 311.329
Yxy	2.0561, 0.2526, 0.1684
Android (android.graphics.Color)	4281539660 (0xFF331C4C)
YUV	40.3490, 17.5759, 9.3409
Hunter-Lab	14.3392, 13.3098, -19.2030




Details

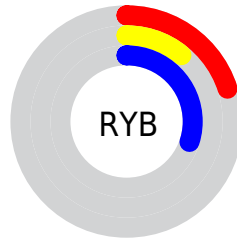
The Hex color **331C4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **354C1C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **63497D**, and **00001F** is the 20% darker color. If you saturate the color by 10%, you get **2F144C**, and if you desaturate by 10%, it is **37244C**.

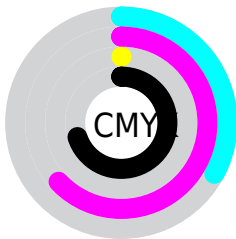
Distribution







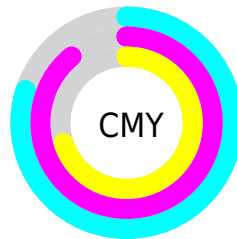
-  Red (20%)
-  Green (11%)
-  Blue (30%)






-  Red (20%)
-  Yellow (11%)
-  Blue (30%)



-  Cyan (33%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (80%)
-  Magenta (89%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331C4C 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 331C4C by changing the saturation by 10% instead.

 331C4C

 331C4C

FFFFFF

 1C0635

 63497D

 00001F

 7D6197

 000003

 977AB2

 000000

 B294CE

 CEAE EA

 EBCAFF

 FFE6FF

 331C4C

 331C4C

■ 2F144C

■ 37244C

■ 2B0D4C

■ 3B2B4C

■ 27054C

■ 3F334C

■ 24004C

■ 433A4C

■ 47424C

■ 4B4A4C

■ 4F514C

■ 53594C

■ 57604C

Harmonies

Analogous

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



002757



331C4C



4A0E37

Triad

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



331C4C



3E2000



003230

Complementary

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



331C4C



354C1C

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.



003117



331C4C



2A2900

Square

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



331C4C



4C1404



0F2E00



003147

Rectangle

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



331C4C



500827



0F2E00



003228

Sweetspot

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



331C4C



5A5163



1C364C



2D2733



B3B3B3



333333

Same Dimension

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



331C4C



3C1863



4A1C4C



242226



310066



6E00E6

Inverse Universe

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



4C1C35



63183F



1E4C1C



262224



660035



E60078

Previews

White Background



This preview shows how the Hex color 331C4C looks on a white background.

Color Contrast Check

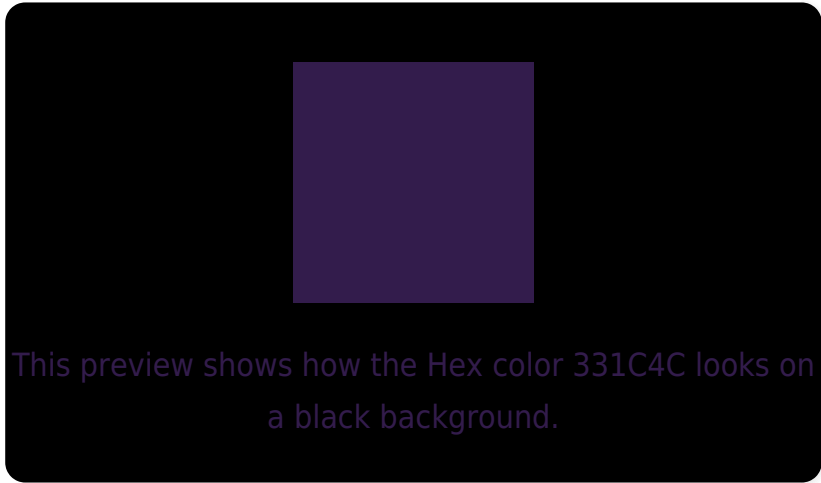
Large Text (above 18pt) WCAG AA ✓ Pass

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

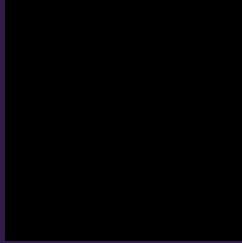
Any Text WCAG AA × Fail

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 331C4C Background



This preview shows how black text looks on a background with the Hex color 331C4C.



This preview shows how white text looks on a background with the Hex color 331C4C.

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
331C4C

Protanopia
002752

Deuteranopia
002948

Trichromacy



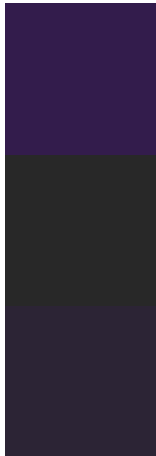
Original Color
331C4C

Protanomaly
132350

Deuteranomaly
132449

Tritanomaly
2F2236

Monochromacy



Original Color
331C4C

Achromatopsia
282828

Achromatomaly
2C2435

CSS Examples

Text

The CSS property to change the color of the text to Hex 331C4C 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 #331C4C looks like.

```
.text, #text, p{  
    color:#331C4C  
}
```

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 #331C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331C4C
}
```

Border

The CSS property to change the border of an element to Hex 331C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

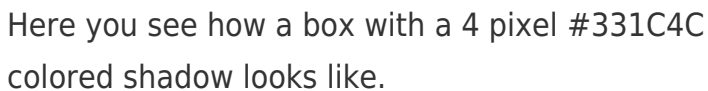
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#331C4C }
```

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

```
.border{ border-color:#331C4C }
```

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



Here you see how a box with a 4 pixel #331C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331C4C; -webkit-box-shadow:4px 4px  
4px 4px #331C4C; box-shadow:4px 4px 4px  
4px #331C4C }
```

Background

The CSS property to change the background color of an element to Hex 331C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331C4C }
```

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

```
.background{ background-color:#331C4C }
```

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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