

Converting Colors

Hex(331858)

Have a look what the booklet for
Hex(331858) contains.

Hex(331858)	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(331858)

Conversions

Conversions Part 1

Format	Color
Hex	331858
RGB	51, 24, 88
RGB Percent	20%, 9%, 35%
CMY	0.8000, 0.9059, 0.6549
CMYK	0.42, 0.73, 0.00, 0.65
HSL	265°, 57%, 22%
HSV	265°, 73%, 35%
XYZ	3.4533, 2.0617, 9.4484
YIQ	39.3690, -4.4520, 25.6280

Conversions

Conversions Part 2

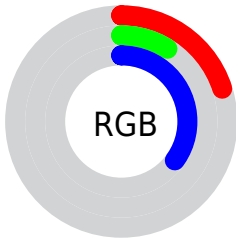
Format	Color
R_{YB}	51, 24, 88
Decimal	3348568
CIE _{Lab}	15.81, 28.50, -33.70
CIE _{LCh}	16, 44.140, 310.220
Yxy	2.0617, 0.2308, 0.1378
Android (android.graphics.Color)	4281538648 (0xFF331858)
YUV	39.3690, 23.9751, 10.2004
Hunter-Lab	14.3585, 17.8034, -28.9643

Details

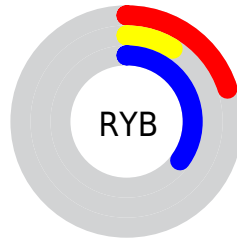
The Hex color **331858** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3D5818**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **65458B**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **2E0F58**, and if you desaturate by 10%, it is **382158**.

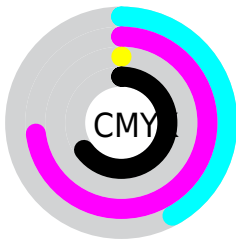
Distribution



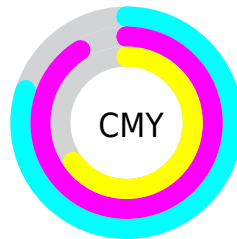
- Red (20%)
- Green (9%)
- Blue (35%)



- Red (20%)
- Yellow (9%)
- Blue (35%)



- Cyan (42%)
- Magenta (73%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331858 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 331858 by changing the saturation by 10% instead.

■ 331858

■ 331858

FFFFFF

■ 1B0240

■ 65458B

■ 00002A

■ 7F5DA5

■ 000114

■ 9A76C0

■ 000000

■ B590DD

■ D1ABF9

■ EEC7FF

■ FFE3FF

■ 331858

■ 331858

■ 2E0F58

■ 382158

■ 290658

■ 3D2A58

■ 250058

■ 423258

■ 473B58

■ 4C4458

■ 524D58

■ 575658

■ 5C5E58

■ 616758

Harmonies

Analogous

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



002866



331858



53003D

Triad

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



331858



421E00



003432

Complementary

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



331858



3D5818

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.



003310



331858



282A00

Square

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



331858



550600



003000



003450

Rectangle

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



331858



5B0029



003000



003427

Sweetspot

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



331858



645A73



183D58



322B3B



BABABA



3B3B3B

Same Dimension

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



331858



390F73



531858



29272B



2D006B



6300EB

Inverse Universe

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



58183D



730F49



1D5818



2B272A



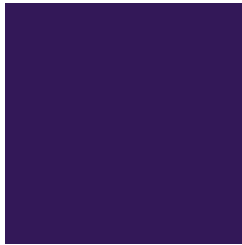
6B003E



EB0088

Previews

White Background



This preview shows how the Hex color 331858 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

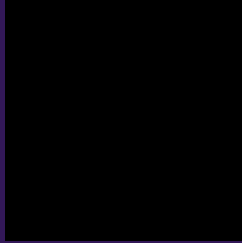
Any Text WCAG AA × Fail

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 331858 Background



This preview shows how black text looks on a background with the Hex color 331858.



This preview shows how white text looks on a background with the Hex color 331858.

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
331858

Protanopia
002752

Deuteranopia
002947



Tritanopia
29282B

Trichromacy



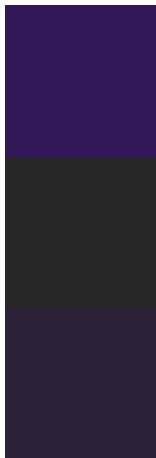
Original Color
331858

Protanomaly
132254

Deuteranomaly
13234D

Tritanomaly
2D223B

Monochromacy



Original Color
331858

Achromatopsia
272727

Achromatomaly
2B2239

CSS Examples

Text

The CSS property to change the color of the text to Hex 331858 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 #331858 looks like.

```
.text, #text, p{  
    color:#331858  
}
```

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 #331858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331858
}
```

Border

The CSS property to change the border of an element to Hex 331858 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
#331858 }
```

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

```
.border{ border-color:#331858 }
```

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

Here you see how a box with a 4 pixel #331858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331858; -webkit-box-shadow:4px 4px  
4px 4px #331858; box-shadow:4px 4px 4px  
4px #331858 }
```

Background

The CSS property to change the background color of an element to Hex 331858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331858 }
```

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

```
.background{ background-color:#331858 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor