

Converting Colors

Hex(331C78)

Have a look what the booklet for
Hex(331C78) contains.

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Color

Hex(331C78)

Conversions

Conversions Part 1

Format	Color
Hex	331C78
RGB	51, 28, 120
RGB Percent	20%, 11%, 47%
CMY	0.8000, 0.8902, 0.5294
CMYK	0.58, 0.77, 0.00, 0.53
HSL	255°, 62%, 29%
HSV	255°, 77%, 47%
XYZ	5.1707, 2.8904, 18.0547
YIQ	45.3650, -15.8240, 33.4880

Conversions

Conversions Part 2

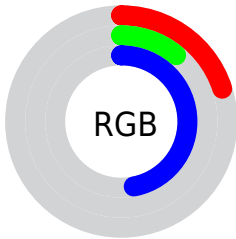
Format	Color
R_{YB}	51, 28, 120
Decimal	3349624
CIE _{Lab}	19.60, 36.01, -48.50
CIE _{LCh}	20, 60.405, 306.593
Yxy	2.8904, 0.1980, 0.1107
Android (android.graphics.Color)	4281539704 (0xFF331C78)
YUV	45.3650, 36.7951, 4.9419
Hunter-Lab	17.0011, 24.5364, -51.0634

Details

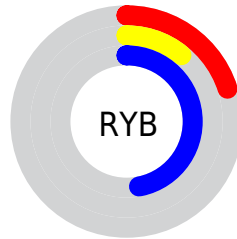
The Hex color **331C78** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **61781C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6A4AAD**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **2A1078**, and if you desaturate by 10%, it is **3C2878**.

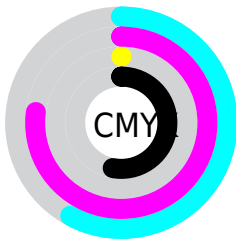
Distribution



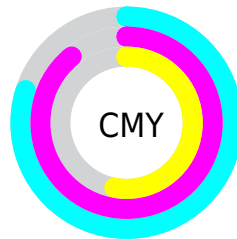
- Red (20%)
- Green (11%)
- Blue (47%)



- Red (20%)
- Yellow (11%)
- Blue (47%)



- Cyan (58%)
- Magenta (77%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331C78 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 331C78 by changing the saturation by 10% instead.



331C78



331C78

FFFFFF



14055F



6A4AAD



000046



8563C9



00042F



A07CE5



000119



BD96FF



000000



D9B1FF



F7CDFF



FFE9FF



331C78



331C78

■ 2A1078

■ 3C2878

■ 210478

■ 453478

■ 1E0078

■ 4E4078

■ 574C78

■ 605878

■ 696478

■ 727078

■ 7B7C78

■ 848878

Harmonies

Analogous

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



00348A



331C78



680053

Triad

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



331C78



561E00



003F39

Complementary

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



331C78



61781C

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.



003E06



331C78



333100

Square

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



331C78



6F0000



003A00



004064

Rectangle

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



331C78



750037



003A00



003F29

Sweetspot

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



331C78



81789C



1C6178



3E394F



CFCFCF



4F4F4F

Same Dimension

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



331C78



300C9C



611C78



39373D



1F007D



3F00FC

Inverse Universe

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



781C61



9C0C78



33781C



3D373C



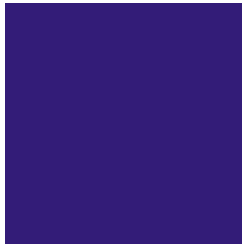
7D005E



FC00BD

Previews

White Background



This preview shows how the Hex color 331C78 looks on a white background.

Color Contrast Check

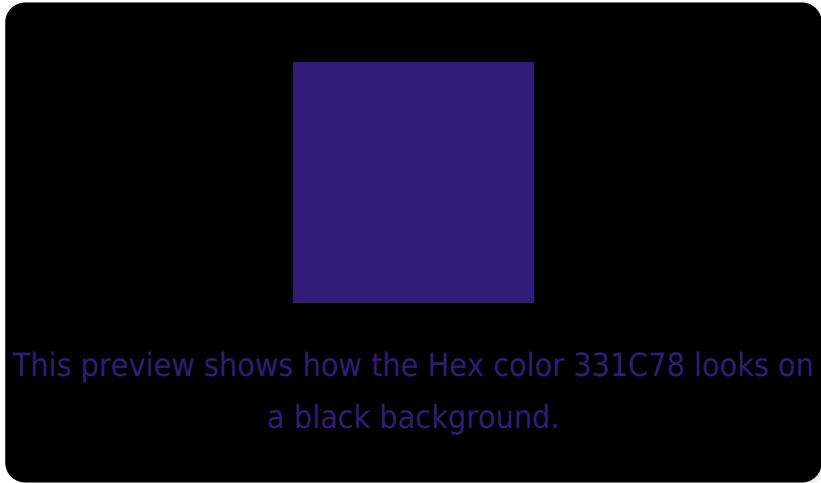
Large Text (above 18pt) WCAG AA ✓ Pass

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

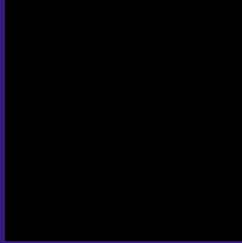
Any Text WCAG AA × Fail

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 331C78 Background



This preview shows how black text looks on a background with the Hex color 331C78.



This preview shows how white text looks on a background with the Hex color 331C78.

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](#).

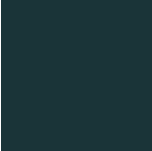
Dichromacy



Original Color
331C78

Protanopia
002F62

Deuteranopia
003254



Tritanopia
1A3438

Trichromacy



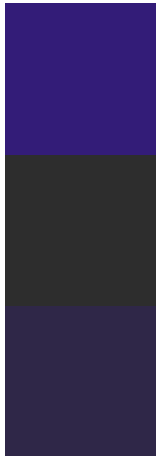
Original Color
331C78

Protanomaly
13286A

Deuteranomaly
132A61

Tritanomaly
232B4F

Monochromacy



Original Color
331C78

Achromatopsia
2D2D2D

Achromatomaly
2F2748

CSS Examples

Text

The CSS property to change the color of the text to Hex 331C78 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 #331C78 looks like.

```
.text, #text, p{  
    color:#331C78  
}
```

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 #331C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331C78
}
```

Border

The CSS property to change the border of an element to Hex 331C78 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
#331C78 }
```

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

```
.border{ border-color:#331C78 }
```

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

Here you see how a box with a 4 pixel #331C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331C78; -webkit-box-shadow:4px 4px  
4px 4px #331C78; box-shadow:4px 4px 4px  
4px #331C78 }
```

Background

The CSS property to change the background color of an element to Hex 331C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331C78 }
```

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

```
.background{ background-color:#331C78 }
```

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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