

Converting Colors

Hex(331A63)

Have a look what the booklet for
Hex(331A63) contains.

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Color

Hex(331A63)

Conversions

Conversions Part 1

Format	Color
Hex	331A63
RGB	51, 26, 99
RGB Percent	20%, 10%, 39%
CMY	0.8000, 0.8980, 0.6118
CMYK	0.48, 0.74, 0.00, 0.61
HSL	261°, 58%, 25%
HSV	261°, 74%, 39%
XYZ	3.9868, 2.3434, 12.0466
YIQ	41.7970, -8.5330, 28.0030

Conversions

Conversions Part 2

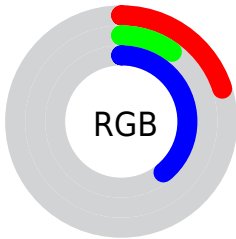
Format	Color
R_{YB}	51, 26, 99
Decimal	3349091
CIE _{Lab}	17.20, 30.64, -38.78
CIE _{LCh}	17, 49.425, 308.315
Yxy	2.3434, 0.2169, 0.1275
Android (android.graphics.Color)	4281539171 (0xFF331A63)
YUV	41.7970, 28.2011, 8.0710
Hunter-Lab	15.3083, 19.6974, -35.9413

Details

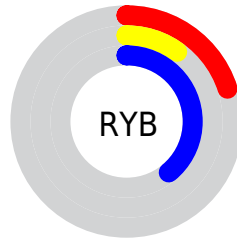
The Hex color **331A63** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4A631A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **664897**, and **000034** is the 20% darker color. If you saturate the color by 10%, you get **2C1063**, and if you desaturate by 10%, it is **3A2463**.

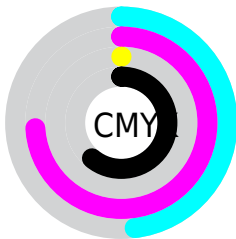
Distribution



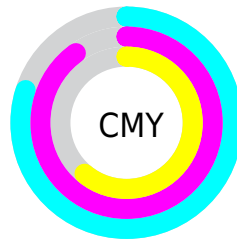
- Red (20%)
- Green (10%)
- Blue (39%)



- Red (20%)
- Yellow (10%)
- Blue (39%)



- Cyan (48%)
- Magenta (74%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331A63 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 331A63 by changing the saturation by 10% instead.

■ 331A63

■ 331A63

FFFFFF

■ 19044B

■ 664897

■ 000034

■ 8160B2

■ 00021D

■ 9C79CD

■ 000000

■ B793EA

■ D4AEFF

■ F0C9FF

■ FFE6FF

■ 331A63

■ 331A63

■ 2C1063

■ 3A2463

■ 260663

■ 402E63

■ 220063

■ 473863

■ 4D4263

■ 544C63

■ 5A5563

■ 615F63

■ 676963

■ 6E7363

Harmonies

Analogous

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



002D72



331A63



5A0045

Triad

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



331A63



491E00



003834

Complementary

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



331A63



4A631A

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.



00370D



331A63



2D2C00

Square

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



331A63



5E0000



003300



003856

Rectangle

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



331A63



63002E



003300



003827

Sweetspot

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



331A63



6D6380



1A4B63



352F40



BFBFBF



404040

Same Dimension

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



331A63



360F80



571A63



2D2C30



260070



5200F0

Inverse Universe

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



631A4A



800F59



26631A



302C2F



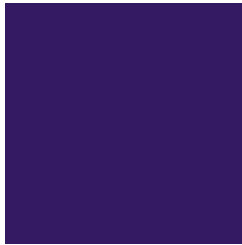
70004A



F0009E

Previews

White Background



This preview shows how the Hex color 331A63 looks on a white background.

Color Contrast Check

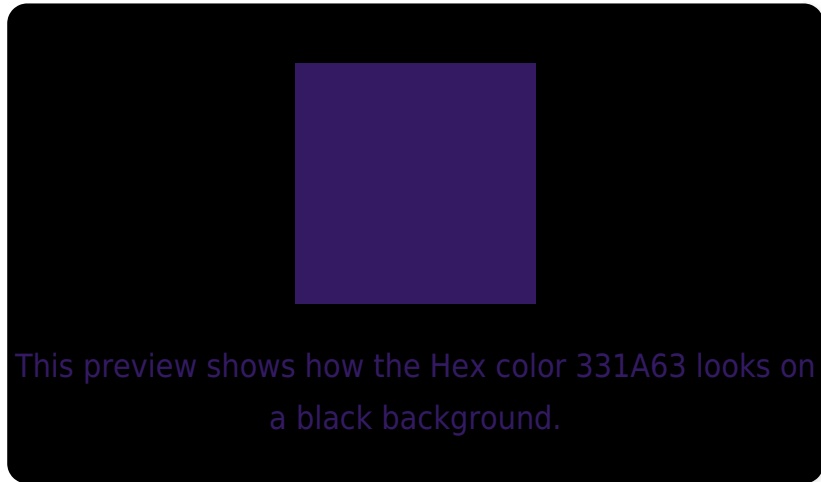
Large Text (above 18pt) WCAG AA ✓ Pass

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

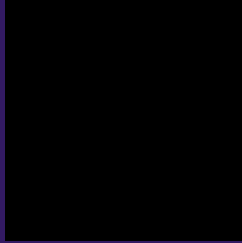
Any Text WCAG AA × Fail

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 331A63 Background



This preview shows how black text looks on a background with the Hex color 331A63.



This preview shows how white text looks on a background with the Hex color 331A63.

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
331A63

Protanopia
002A58

Deuteranopia
002C4C



Tritanopia
252C30

Trichromacy



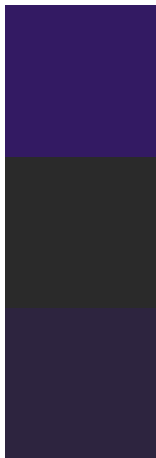
Original Color
331A63

Protanomaly
13245C

Deuteranomaly
132554

Tritanomaly
2A2543

Monochromacy



Original Color
331A63

Achromatopsia
2A2A2A

Achromatomaly
2D243F

CSS Examples

Text

The CSS property to change the color of the text to Hex 331A63 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 #331A63 looks like.

```
.text, #text, p{  
    color:#331A63  
}
```

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 #331A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331A63
}
```

Border

The CSS property to change the border of an element to Hex 331A63 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
#331A63 }
```

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

```
.border{ border-color:#331A63 }
```

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

Here you see how a box with a 4 pixel #331A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331A63; -webkit-box-shadow:4px 4px  
4px 4px #331A63; box-shadow:4px 4px 4px  
4px #331A63 }
```

Background

The CSS property to change the background color of an element to Hex 331A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331A63 }
```

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

```
.background{ background-color:#331A63 }
```

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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