

Converting Colors

Hex(291349)

Have a look what the booklet for
Hex(291349) contains.

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Color

Hex(291349)

Conversions

Conversions Part 1

Format	Color
Hex	291349
RGB	41, 19, 73
RGB Percent	16%, 7%, 29%
CMY	0.8392, 0.9255, 0.7137
CMYK	0.44, 0.74, 0.00, 0.71
HSL	264°, 59%, 18%
HSV	264°, 74%, 29%
XYZ	2.3499, 1.4182, 6.4532
YIQ	31.7340, -4.2220, 21.4580

Conversions

Conversions Part 2

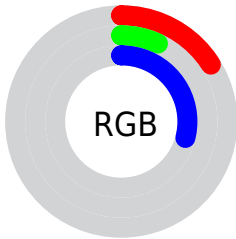
Format	Color
R_{YB}	41, 19, 73
Decimal	2691913
CIE _{Lab}	12.08, 24.63, -29.57
CIE _{LCh}	12, 38.484, 309.799
Yxy	1.4182, 0.2299, 0.1387
Android (android.graphics.Color)	4280881993 (0xFF291349)
YUV	31.7340, 20.3441, 8.1263
Hunter-Lab	11.9088, 14.3823, -23.7922

Details

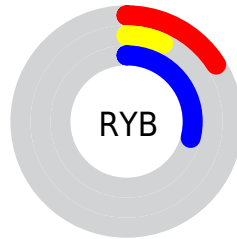
The Hex color **291349** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **334913**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5A3F7A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **250C49**, and if you desaturate by 10%, it is **2D1A49**.

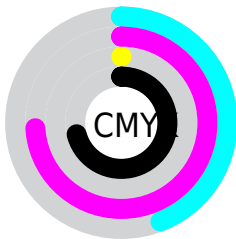
Distribution



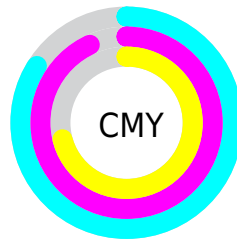
- Red (16%)
- Green (7%)
- Blue (29%)



- Red (16%)
- Yellow (7%)
- Blue (29%)



- Cyan (44%)
- Magenta (74%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (93%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291349 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 291349 by changing the saturation by 10% instead.

■ 291349

■ 291349

■ FFF7FF

■ 160032

■ 5A3F7A

■ 00021C

■ 735794

■ 000000

■ 8D6FAF

■ A889CB

■ C4A3E7

■ E0BFFF

■ FDDAFF

■ 291349

■ 291349

■ 250C49

■ 2D1A49

■ 200449

■ 322249

■ 1E0049

■ 362949

■ 3A3049

■ 3F3749

■ 433F49

■ 474649

■ 4C4D49

■ 505549

Harmonies

Analogous

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



002155



291349



440033

Triad

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



291349



371700



002B28

Complementary

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



291349



334913

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.



002A0A



291349



212100

Square

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



291349



470500



002700



002A41

Rectangle

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



291349



4B0021



002700



002B1F

Sweetspot

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



291349



524A5E



133349



292430



B0B0B0



303030

Same Dimension

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



291349



2D0A5E



441349



222024



290063



5C00E3

Inverse Universe

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



491333



5E0A3C



184913



242022



63003B



E30086

Previews

White Background



This preview shows how the Hex color 291349 looks on a white background.

Color Contrast Check

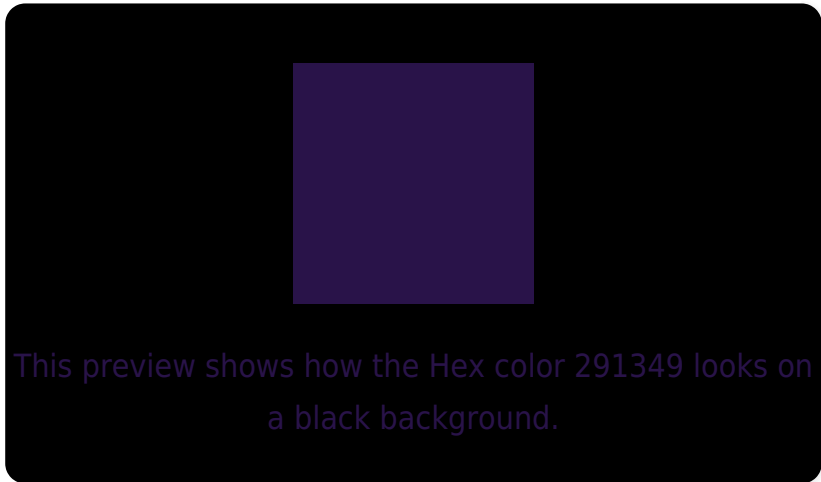
Large Text (above 18pt) WCAG AA ✓ Pass

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

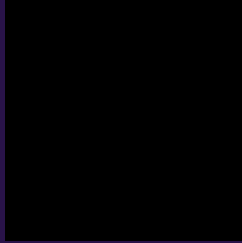
Any Text WCAG AA × Fail

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 291349 Background



This preview shows how black text looks on a background with the Hex color 291349.



This preview shows how white text looks on a background with the Hex color 291349.

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
291349

Protanopia
002043

Deuteranopia
00223A

Trichromacy



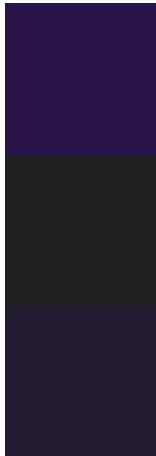
Original Color
291349

Protanomaly
0F1B45

Deuteranomaly
0F1D3F

Tritanomaly
231C31

Monochromacy



Original Color
291349

Achromatopsia
202020

Achromatomaly
231B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 291349 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 #291349 looks like.

```
.text, #text, p{  
    color:#291349  
}
```

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 #291349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291349
}
```

Border

The CSS property to change the border of an element to Hex 291349 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
#291349 }
```

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

```
.border{ border-color:#291349 }
```

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

Here you see how a box with a 4 pixel #291349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291349; -webkit-box-shadow:4px 4px  
4px 4px #291349; box-shadow:4px 4px 4px  
4px #291349 }
```

Background

The CSS property to change the background color of an element to Hex 291349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291349 }
```

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

```
.background{ background-color:#291349 }
```

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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