

Converting Colors

Hex(291679)

Have a look what the booklet for
Hex(291679) contains.

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Color

Hex(291679)

Conversions

Conversions Part 1

Format	Color
Hex	291679
RGB	41, 22, 121
RGB Percent	16%, 9%, 47%
CMY	0.8392, 0.9137, 0.5255
CMYK	0.66, 0.82, 0.00, 0.53
HSL	252°, 69%, 28%
HSV	252°, 82%, 47%
XYZ	4.6526, 2.4257, 18.3122
YIQ	38.9670, -20.4550, 34.8170

Conversions

Conversions Part 2

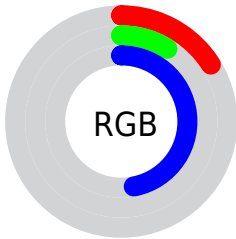
Format	Color
R_{YB}	41, 22, 121
Decimal	2692729
CIE _{Lab}	17.58, 38.16, -52.50
CIE _{LCh}	18, 64.907, 306.014
Yxy	2.4257, 0.1832, 0.0955
Android (android.graphics.Color)	4280882809 (0xFF291679)
YUV	38.9670, 40.4423, 1.7829
Hunter-Lab	15.5747, 26.0667, -58.8087

Details

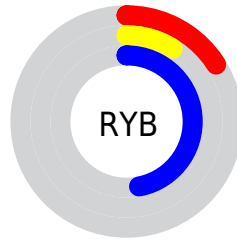
The Hex color **291679** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **667916**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6244AE**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **1F0A79**, and if you desaturate by 10%, it is **332279**.

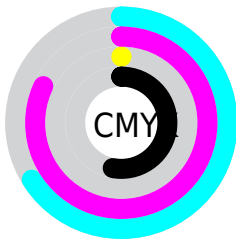
Distribution



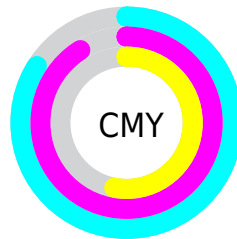
- Red (16%)
- Green (9%)
- Blue (47%)



- Red (16%)
- Yellow (9%)
- Blue (47%)



- Cyan (66%)
- Magenta (82%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (91%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291679 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 291679 by changing the saturation by 10% instead.

■ 291679

■ 291679

FFFFFF

■ 000160

■ 6244AE

■ 000047

■ 7E5DCA

■ 000430

■ 9A76E7

■ 00011A

■ B690FF

■ 000000

■ D3ABFF

■ F0C6FF

■ FFE3FF

■ 291679

■ 291679

■ 1F0A79

■ 332279

■ 170079

■ 3D2E79

■ 463A79

■ 504679

■ 5A5279

■ 645F79

■ 6D6B79

■ 777779

■ 818379

Harmonies

Analogous

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



00318C



291679



650052

Triad

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



291679



531700



003B34

Complementary

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



291679



667916

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.



003A00



291679



2E2D00

Square

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



291679



6D0000



003600



003C62

Rectangle

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



291679



730034



003600



003B23

Sweetspot

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



291679



7E779E



166779



3C374F



CFCFCF



4F4F4F

Same Dimension

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



291679



21039E



5A1679



38373D



18007D



3000FC

Inverse Universe

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



791666



9E0380



357916



3D373C



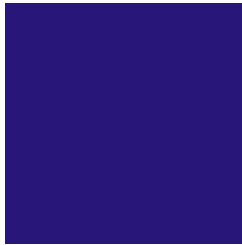
7D0065



FC00CC

Previews

White Background



This preview shows how the Hex color 291679 looks on a white background.

Color Contrast Check

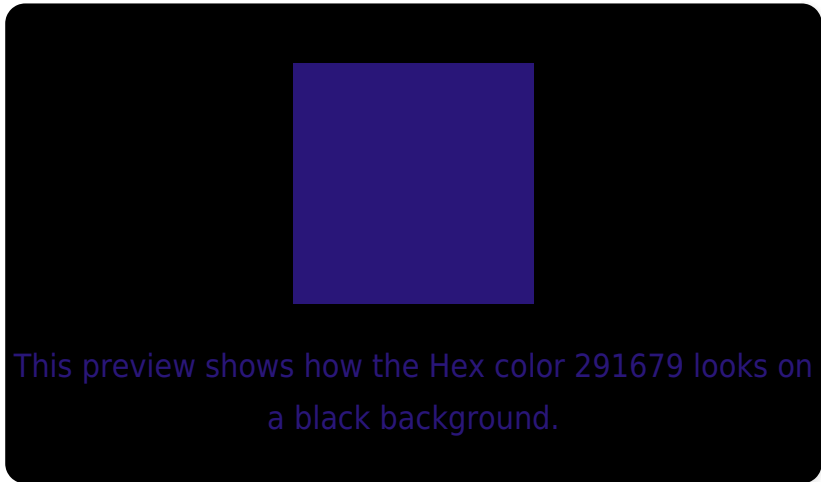
Large Text (above 18pt) WCAG AA ✓ Pass

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

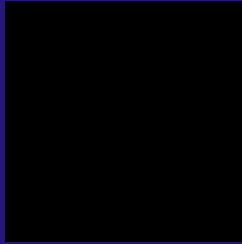
Any Text WCAG AA × Fail

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 291679 Background



This preview shows how black text looks on a background with the Hex color 291679.



This preview shows how white text looks on a background with the Hex color 291679.

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
291679

Protanopia
002B5A

Deuteranopia
002E4C



Tritanopia
003134

Trichromacy



Original Color
291679

Protanomaly
0F2365

Deuteranomaly
0F255C

Tritanomaly
0F274D

Monochromacy



Original Color
291679

Achromatopsia
272727

Achromatomaly
282145

CSS Examples

Text

The CSS property to change the color of the text to Hex 291679 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 #291679 looks like.

```
.text, #text, p{  
    color:#291679  
}
```

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 #291679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291679
}
```

Border

The CSS property to change the border of an element to Hex 291679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

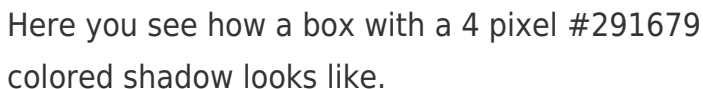
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291679 }
```

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

```
.border{ border-color:#291679 }
```

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



Here you see how a box with a 4 pixel #291679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291679; -webkit-box-shadow:4px 4px  
4px 4px #291679; box-shadow:4px 4px 4px  
4px #291679 }
```

Background

The CSS property to change the background color of an element to Hex 291679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291679 }
```

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

```
.background{ background-color:#291679 }
```

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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