

# Converting Colors

Hex(291985)

Have a look what the booklet for  
Hex(291985) contains.

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# Color

**Hex(291985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	291985
RGB	41, 25, 133
RGB Percent	16%, 10%, 52%
CMY	0.8392, 0.9020, 0.4784
CMYK	0.69, 0.81, 0.00, 0.48
HSL	249°, 68%, 31%
HSV	249°, 81%, 52%
XYZ	5.4957, 2.8601, 22.4527
YIQ	42.0960, -25.1320, 36.9800

# Conversions

## Conversions Part 2

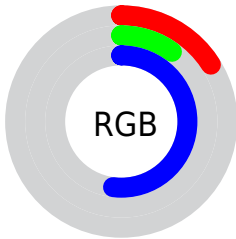
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 25, 133
Decimal	2693509
CIE Lab	19.47, 40.44, -57.00
CIE LCh	19, 69.882, 305.354
Yxy	2.8601, 0.1784, 0.0928
Android (android.graphics.Color)	4280883589 (0xFF291985)
YUV	42.0960, 44.8157, -0.9612
Hunter-Lab	16.9119, 28.4097, -66.8766




# Details

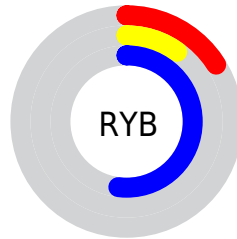
The Hex color **291985** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **758519**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **6548BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **1E0C85**, and if you desaturate by 10%, it is **342685**.

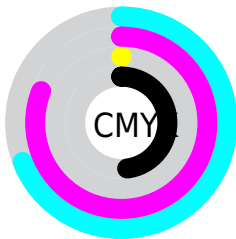
# Distribution







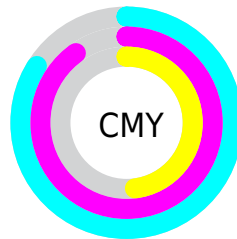
-  Red (16%)
-  Green (10%)
-  Blue (52%)






-  Red (16%)
-  Yellow (10%)
-  Blue (52%)



-  Cyan (69%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (84%)
-  Magenta (90%)
-  Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 291985 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 291985 by changing the saturation by 10% instead.



 291985


 291985

FFFFFF

 00026B

 6548BB

 000052

 8160D7

 00053A

 9D7AF4

 000223

 BA94FF

 00000B

 D7AFFF

 000000

 F5CAFF

 FFE7FF

 291985

 291985

■ 1E0C85

■ 342685

■ 140085

■ 403485

■ 4B4185

■ 564E85

■ 625C85

■ 6D6985

■ 787685

■ 848385

■ 8F9185

# Harmonies

## Analogous

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



003699



291985



6E005B

# Triad

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



291985



5B1800



004038

# Complementary

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



291985



758519

# 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.



003F00



291985



333100

# Square

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



291985



770000



003B00



00416A

# Rectangle

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



291985



7E003A



003B00



004026



# Sweetspot

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



291985



8A84AD



197785



413E57



D6D6D6



575757



# Same Dimension

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



291985



1E05AD



5D1985



3D3C42



130082



000003



# Inverse Universe

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



851975



AD0594



418519



423C41



82006F

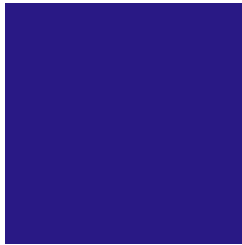


030002



# Previews

## White Background



This preview shows how the Hex color 291985 looks on a white background.

## Color Contrast Check

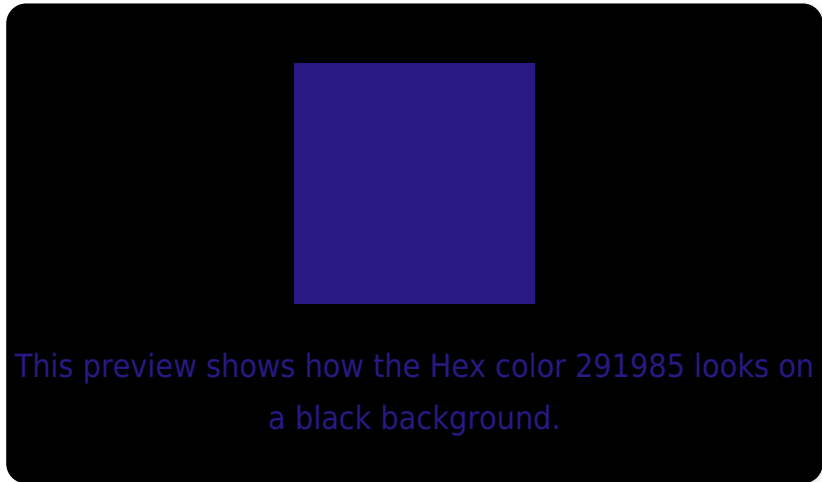
Large Text (above 18pt) WCAG AA ✓ Pass

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

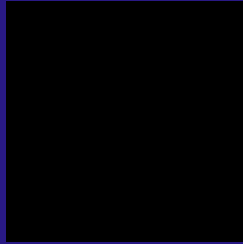
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 291985 Background



This preview shows how black text looks on a background with the Hex color 291985.



This preview shows how white text looks on a background with the Hex color 291985.

# 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**  
291985

**Protanopia**  
002E62

**Deuteranopia**  
003253



# Trichromacy



**Original Color**  
291985

**Protanomaly**  
0F266F

**Deuteranomaly**  
0F2965

**Tritanomaly**  
0F2B55

# Monochromacy



**Original Color**  
291985

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2A244B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 291985 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 #291985 looks like.

```
.text, #text, p{  
    color:#291985  
}
```

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 #291985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291985
}
```

## Border

The CSS property to change the border of an element to Hex 291985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

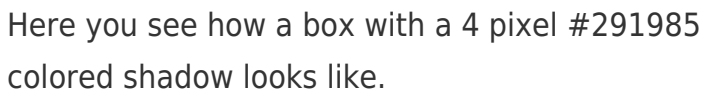
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291985 }
```

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

```
.border{ border-color:#291985 }
```

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



Here you see how a box with a 4 pixel #291985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291985; -webkit-box-shadow:4px 4px  
4px 4px #291985; box-shadow:4px 4px 4px  
4px #291985 }
```

# Background

The CSS property to change the background color of an element to Hex 291985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291985 }
```

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

```
.background{ background-color:#291985 }
```

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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