

# Converting Colors

Hex(25029C)

Have a look what the booklet for  
Hex(25029C) contains.

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# Color

Hex(25029C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25029C
RGB	37, 2, 156
RGB Percent	15%, 1%, 61%
CMY	0.8549, 0.9922, 0.3882
CMYK	0.76, 0.99, 0.00, 0.39
HSL	254°, 97%, 31%
HSV	254°, 99%, 61%
XYZ	6.7854, 2.8370, 31.6425
YIQ	30.0210, -28.5740, 55.3140

# Conversions

## Conversions Part 2

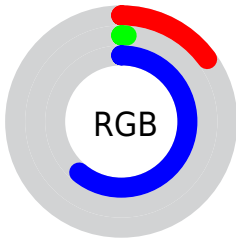
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 2, 156
Decimal	2425500
CIE <sub>Lab</sub>	19.38, 54.92, -71.48
CIE <sub>LCh</sub>	19, 90.141, 307.539
Yxy	2.8370, 0.1644, 0.0688
Android (android.graphics.Color)	4280615580 (0xFF25029C)
YUV	30.0210, 62.1076, 6.1206
Hunter-Lab	16.8435, 42.4327, -99.5927

# Details

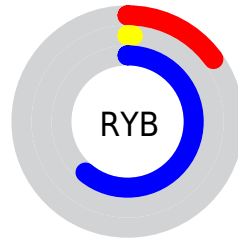
The Hex color **25029C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **799C02**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **693BD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **23009C**, and if you desaturate by 10%, it is **31129C**.

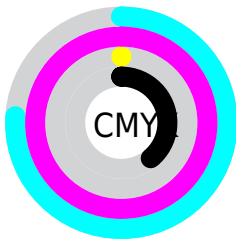
# Distribution



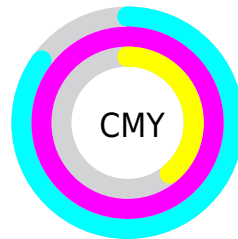
- Red (15%)
- Green (1%)
- Blue (61%)



- Red (15%)
- Yellow (1%)
- Blue (61%)



- Cyan (76%)
- Magenta (99%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (99%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25029C 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 25029C by changing the saturation by 10% instead.



■ 25029C

■ 25029C

■ FFF9FF

■ 000081

■ 693BD4

■ 000067

■ 8755F1

■ 00034E

■ A56EFF

■ 000536

■ C289FF

■ 000220

■ E0A4FF

■ 000004

■ FFC0FF

■ 000000

■ FFDCFF

■ 25029C

■ 25029C

■ 23009C

■ 31129C

■ 3D219C

■ 49319C

■ 55409C

■ 61509C

■ 6D609C

■ 796F9C

■ 857F9C

■ 918E9C

# Harmonies

## Analogous

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



0038B9



25029C



810063

# Triad

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



25029C



601000



00433F

# Complementary

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



25029C



799C02

# 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.



004100



25029C



2C3300

# Square

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



25029C



850000



003D00



004581

# Rectangle

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



25029C



920038



003D00



004228



# Sweetspot

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



25029C



9D8FCC



027B9C



4A4166



E6E6E6



666666



# Same Dimension

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



25029C



2E00CC



70029C



49474F



20008F



03000F



# Inverse Universe

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



9C0279



CC009E



2E9C02



4F474D



8F006E

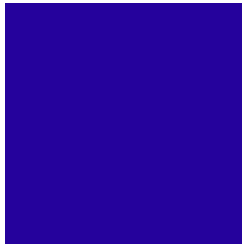


0F000C



# Previews

## White Background



This preview shows how the Hex color 25029C looks on a white background.

## Color Contrast Check

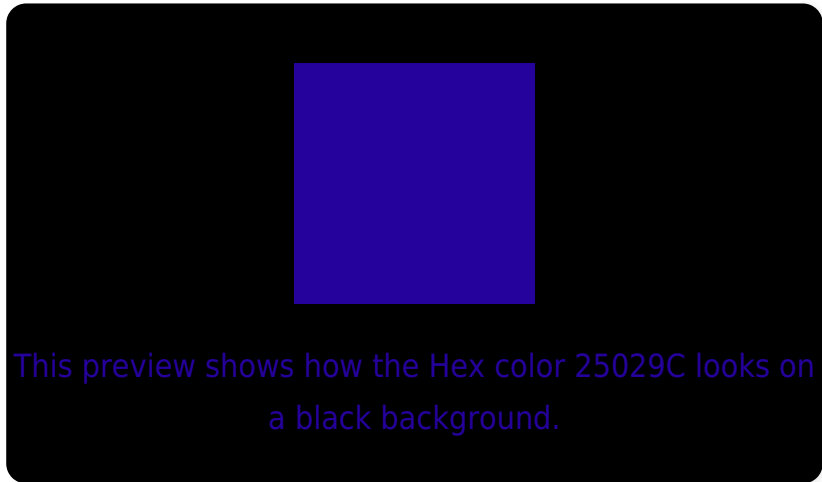
Large Text (above 18pt) WCAG AA ✓ Pass

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

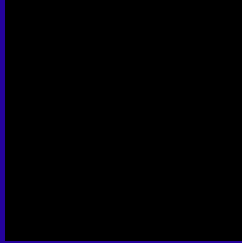
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25029C Background



This preview shows how black text looks on a background with the Hex color 25029C.



This preview shows how white text looks on a background with the Hex color 25029C.

# 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**  
25029C

**Protanopia**  
003065

**Deuteranopia**  
003356



**Tritanopia**  
00373A

# Trichromacy



**Original Color**  
25029C

**Protanomaly**  
0D1F79

**Deuteranomaly**  
0D216F

**Tritanomaly**  
0D245E

# Monochromacy



**Original Color**  
25029C

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
21144C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25029C 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 #25029C looks like.

```
.text, #text, p{  
    color:#25029C  
}
```

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 #25029C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25029C
}
```

## Border

The CSS property to change the border of an element to Hex 25029C 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
#25029C }
```

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

```
.border{ border-color:#25029C }
```

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

Here you see how a box with a 4 pixel #25029C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25029C; -webkit-box-shadow:4px 4px  
4px 4px #25029C; box-shadow:4px 4px 4px  
4px #25029C }
```

# Background

The CSS property to change the background color of an element to Hex 25029C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25029C }
```

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

```
.background{ background-color:#25029C }
```

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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