

Converting Colors

Hex(2E029D)

Have a look what the booklet for
Hex(2E029D) contains.

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Color

Hex(2E029D)

Conversions

Conversions Part 1

Format	Color
Hex	2E029D
RGB	46, 2, 157
RGB Percent	18%, 1%, 62%
CMY	0.8196, 0.9922, 0.3843
CMYK	0.71, 0.99, 0.00, 0.38
HSL	257°, 97%, 31%
HSV	257°, 99%, 62%
XYZ	7.2342, 3.0586, 32.1074
YIQ	32.8260, -23.5310, 57.5330

Conversions

Conversions Part 2

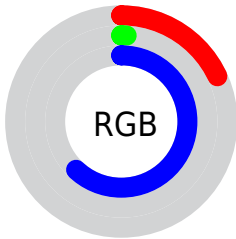
Format	Color
RYB	46, 2, 157
Decimal	3015325
CIELab	20.28, 55.53, -70.57
CIELCh	20, 89.801, 308.196
Yxy	3.0586, 0.1706, 0.0721
Android (android.graphics.Color)	4281205405 (0xFF2E029D)
YUV	32.8260, 61.2178, 11.5536
Hunter-Lab	17.4888, 43.2310, -96.6073

Details

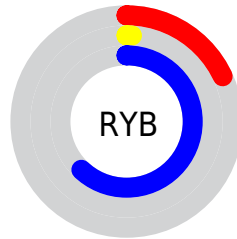
The Hex color **2E029D** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **719D02**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6F3CD5**, and **000068** is the 20% darker color. If you saturate the color by 10%, you get **2D009D**, and if you desaturate by 10%, it is **39129D**.

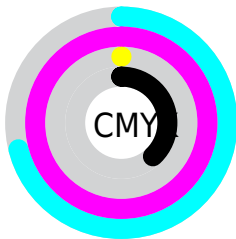
Distribution



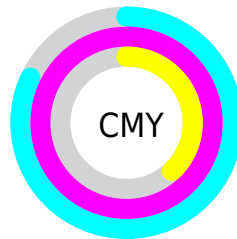
- Red (18%)
- Green (1%)
- Blue (62%)



- Red (18%)
- Yellow (1%)
- Blue (62%)



- Cyan (71%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (99%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E029D 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 2E029D by changing the saturation by 10% instead.

■ 2E029D

■ 2E029D

■ FFFBFF

■ 000082

■ 6F3CD5

■ 000068

■ 8C56F2

■ 00004F

■ AA70FF

■ 000537

■ C88AFF

■ 000221

■ E6A6FF

■ 000005

■ FFC2FF

■ 000000

■ FFDEFF

■ 2E029D

■ 2E029D

■ 2D009D

■ 39129D

■ 44219D

■ 50319D

■ 5B419D

■ 66519D

■ 71609D

■ 7D709D

■ 88809D

■ 938F9D

Harmonies

Analogous

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



0039BB



2E029D



850064

Triad

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



2E029D



621400



004543

Complementary

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



2E029D



719D02

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.



004300



2E029D



2D3500

Square

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



2E029D



870000



003F00



004784

Rectangle

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



2E029D



950039



003F00



00442B

Sweetspot

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



2E029D



A08FCC



02719D



4C4166



E6E6E6



666666

Same Dimension

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



2E029D



3A00CC



7B029D



49474F



29008F



04000F

Inverse Universe

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



9D0271



CC0092



249D02



4F474D



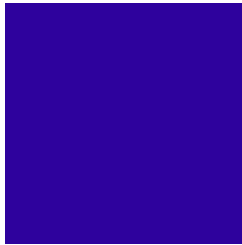
8F0066



0F000B

Previews

White Background



This preview shows how the Hex color 2E029D looks on a white background.

Color Contrast Check

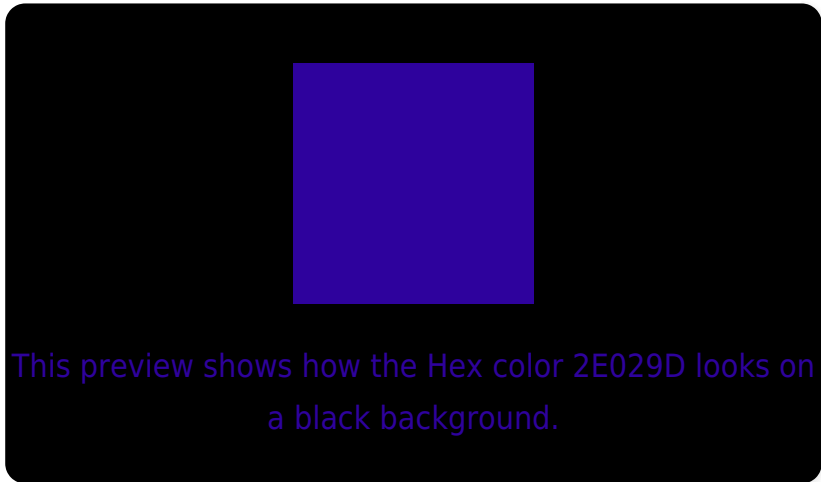
Large Text (above 18pt) WCAG AA ✓ Pass

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

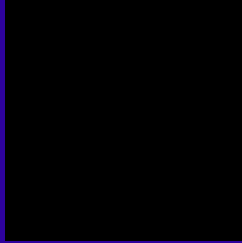
Any Text WCAG AA × Fail

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 2E029D Background



This preview shows how black text looks on a background with the Hex color 2E029D.



This preview shows how white text looks on a background with the Hex color 2E029D.

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
2E029D

Protanopia
003269

Deuteranopia
003559



Tritanopia
00393D

Trichromacy



Original Color
2E029D

Protanomaly
11217C

Deuteranomaly
112272

Tritanomaly
112560

Monochromacy



Original Color
2E029D

Achromatopsia
212121

Achromatomaly
26164E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E029D 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 #2E029D looks like.

```
.text, #text, p{  
    color:#2E029D  
}
```

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 #2E029D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E029D
}
```

Border

The CSS property to change the border of an element to Hex 2E029D 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
#2E029D }
```

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

```
.border{ border-color:#2E029D }
```

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

Here you see how a box with a 4 pixel #2E029D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E029D; -webkit-box-shadow:4px 4px  
4px 4px #2E029D; box-shadow:4px 4px 4px  
4px #2E029D }
```

Background

The CSS property to change the background color of an element to Hex 2E029D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E029D }
```

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

```
.background{ background-color:#2E029D }
```

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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