

Converting Colors

Hex(2D1E9E)

Have a look what the booklet for
Hex(2D1E9E) contains.

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Color

Hex(2D1E9E)

Conversions

Conversions Part 1

Format	Color
Hex	2D1E9E
RGB	45, 30, 158
RGB Percent	18%, 12%, 62%
CMY	0.8235, 0.8824, 0.3804
CMYK	0.72, 0.81, 0.00, 0.38
HSL	247°, 68%, 37%
HSV	247°, 81%, 62%
XYZ	7.7180, 3.9551, 32.7044
YIQ	49.0770, -32.1480, 42.9880

Conversions

Conversions Part 2

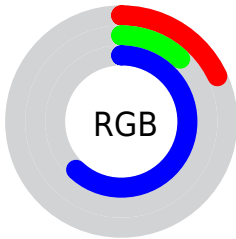
Format	Color
R_{YB}	45, 30, 158
Decimal	2956958
CIE _{Lab}	23.52, 46.16, -65.80
CIE _{LCh}	24, 80.377, 305.052
Yxy	3.9551, 0.1739, 0.0891
Android (android.graphics.Color)	4281147038 (0xFF2D1E9E)
YUV	49.0770, 53.6990, -3.5755
Hunter-Lab	19.8873, 34.4707, -83.5803

Details

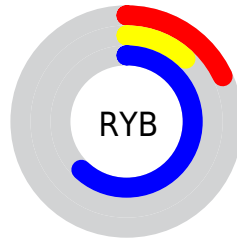
The Hex color **2D1E9E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8F9E1E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6D4ED6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **1F0E9E**, and if you desaturate by 10%, it is **3B2E9E**.

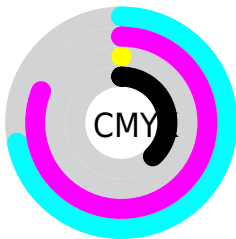
Distribution



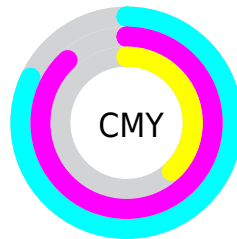
- Red (18%)
- Green (12%)
- Blue (62%)



- Red (18%)
- Yellow (12%)
- Blue (62%)



- Cyan (72%)
- Magenta (81%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (88%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1E9E 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 2D1E9E by changing the saturation by 10% instead.

■ 2D1E9E

■ 2D1E9E

FFFFFF

■ 000583

■ 6D4ED6

■ 000069

■ 8A67F3

■ 000050

■ A781FF

■ 000538

■ C59BFF

■ 000222

■ E3B6FF

■ 000007

■ FFD2FF

■ 000000

■ FFEFFF

■ 2D1E9E

■ 2D1E9E

■ 1F0E9E

■ 3B2E9E

■ 13009E

■ 493E9E

■ 574D9E

■ 655D9E

■ 736D9E

■ 817D9E

■ 8F8D9E

■ 9D9C9E

■ ABAC9E

Harmonies

Analogous

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



0040B5



2D1E9E



82006C

Triad

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



2D1E9E



6C1C00



004C41

Complementary

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



2D1E9E



8F9E1E

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.



004A00



2D1E9E



3D3A00

Square

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



2D1E9E



8C0000



004500



004D7E

Rectangle

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



2D1E9E



940045



004500



004B2C

Sweetspot

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



2D1E9E



A39DCF



1E8F9E



4E4A69



E8E8E8



696969

Same Dimension

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



2D1E9E



1E06CF



6D1E9E



48474F



11008F



02000F

Inverse Universe

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



9E1E8F



CF06B7



4F9E1E



4F474E



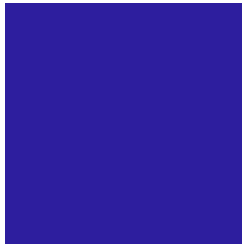
8F007E



0F000E

Previews

White Background



This preview shows how the Hex color 2D1E9E looks on a white background.

Color Contrast Check

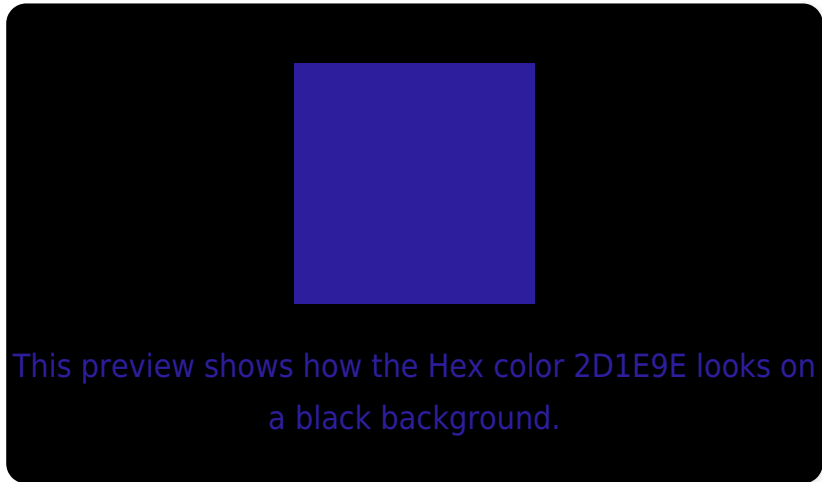
Large Text (above 18pt) WCAG AA ✓ Pass

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

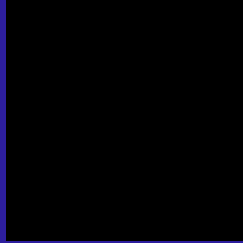
Any Text WCAG AA × Fail

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 2D1E9E Background



This preview shows how black text looks on a background with the Hex color 2D1E9E.



This preview shows how white text looks on a background with the Hex color 2D1E9E.

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
2D1E9E

Protanopia
003773

Deuteranopia
003A62



Tritanopia
003F43

Trichromacy



Original Color
2D1E9E

Protanomaly
102E83

Deuteranomaly
103078

Tritanomaly
103364

Monochromacy



Original Color
2D1E9E

Achromatopsia
313131

Achromatomaly
302A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1E9E 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 #2D1E9E looks like.

```
.text, #text, p{  
    color:#2D1E9E  
}
```

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 #2D1E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1E9E
}
```

Border

The CSS property to change the border of an element to Hex 2D1E9E 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".

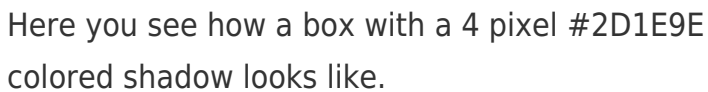
```
.border, #border, table{ border:4px solid
#2D1E9E }
```

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

```
.border{ border-color:#2D1E9E }
```

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

Here you see how a box with a 4 pixel #2D1E9E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1E9E; -webkit-box-shadow:4px 4px  
4px 4px #2D1E9E; box-shadow:4px 4px 4px  
4px #2D1E9E }
```

Background

The CSS property to change the background color of an element to Hex 2D1E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1E9E }
```

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

```
.background{ background-color:#2D1E9E }
```

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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