

Converting Colors

Hex(2C008A)

Have a look what the booklet for
Hex(2C008A) contains.

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Color

Hex(2C008A)

Conversions

Conversions Part 1

Format	Color
Hex	2C008A
RGB	44, 0, 138
RGB Percent	17%, 0%, 54%
CMY	0.8275, 1.0000, 0.4588
CMYK	0.68, 1.00, 0.00, 0.46
HSL	259°, 100%, 27%
HSV	259°, 100%, 54%
XYZ	5.6262, 2.3705, 24.2058
YIQ	28.8880, -18.0740, 52.2460

Conversions

Conversions Part 2

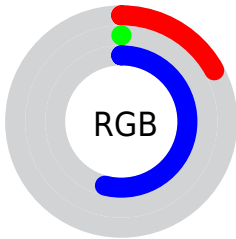
Format	Color
RYB	44, 0, 138
Decimal	2883722
CIELab	17.32, 51.23, -63.71
CIELCh	17, 81.750, 308.806
Yxy	2.3705, 0.1747, 0.0736
Android (android.graphics.Color)	4281073802 (0xFF2C008A)
YUV	28.8880, 53.7922, 13.2532
Hunter-Lab	15.3963, 38.2845, -82.4374

Details

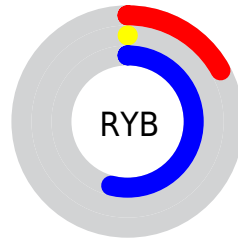
The Hex color **2C008A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5E8A00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6938C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **2C008A**, and if you desaturate by 10%, it is **350E8A**.

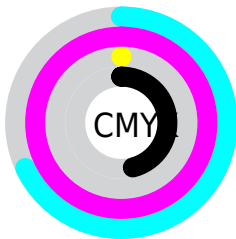
Distribution



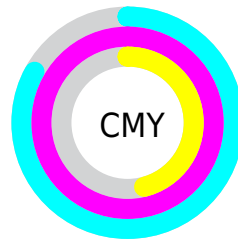
- Red (17%)
- Green (0%)
- Blue (54%)



- Red (17%)
- Yellow (0%)
- Blue (54%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (83%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C008A 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 2C008A by changing the saturation by 10% instead.

 2C008A

 2C008A

 FFF5FF

 000070

 6938C1

 000057

 8652DD

 00063E

 A36BFA

 000327

 C085FF

 000111

 DEA0FF

 000000

 FCBCFF

 FFD8FF

 2C008A

■ 350E8A

■ 3F1C8A

■ 48298A

■ 52378A

■ 5B458A

■ 64538A

■ 6E618A

■ 776E8A

■ 817C8A

Harmonies

Analogous

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



0032A5



2C008A



760057

Triad

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



2C008A



551200



003D3B

Complementary

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



2C008A



5E8A00

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.



003C00



2C008A



262E00

Square

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



2C008A



770000



003800



003F76

Rectangle

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



2C008A



840030



003800



003C27

Sweetspot

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



2C008A



8E7DB3



005E8A



433959



D9D9D9



595959

Same Dimension

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



2C008A



3900B3



71008A



403E45



2A0085



020005

Inverse Universe

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



8A005E



B3007A



198A00



453E43



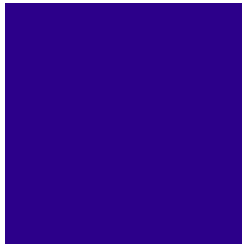
85005A



050003

Previews

White Background



This preview shows how the Hex color 2C008A looks on a white background.

Color Contrast Check

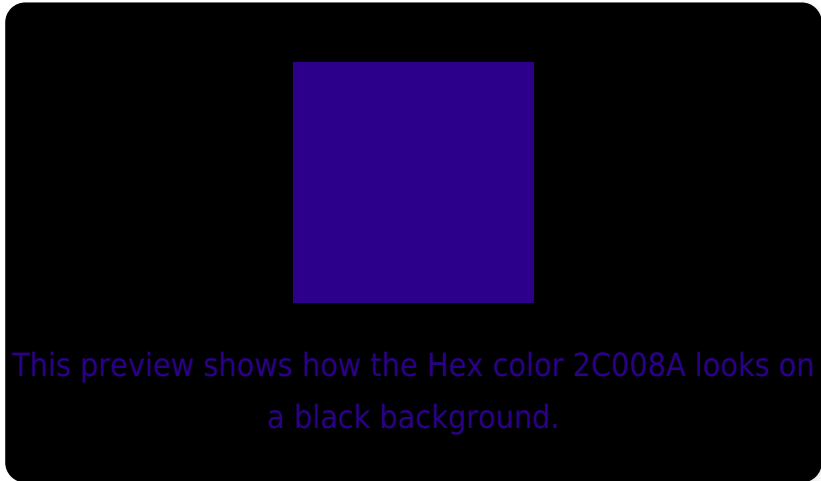
Large Text (above 18pt) WCAG AA ✓ Pass

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

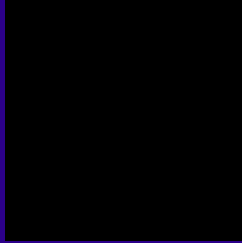
Any Text WCAG AA × Fail

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 2C008A Background



This preview shows how black text looks on a background with the Hex color 2C008A.



This preview shows how white text looks on a background with the Hex color 2C008A.

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
2C008A

Protanopia
002D5E

Deuteranopia
003050



Tritanopia
003336

Trichromacy



Original Color
2C008A

Protanomaly
101D6E

Deuteranomaly
101F65

Tritanomaly
102055

Monochromacy



Original Color
2C008A

Achromatopsia
1D1D1D

Achromatomaly
221245

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C008A 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 #2C008A looks like.

```
.text, #text, p{  
    color:#2C008A  
}
```

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 #2C008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C008A
}
```

Border

The CSS property to change the border of an element to Hex 2C008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

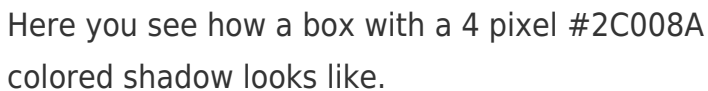
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C008A }
```

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

```
.border{ border-color:#2C008A }
```

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



Here you see how a box with a 4 pixel #2C008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C008A; -webkit-box-shadow:4px 4px  
4px 4px #2C008A; box-shadow:4px 4px 4px  
4px #2C008A }
```

Background

The CSS property to change the background color of an element to Hex 2C008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C008A }
```

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

```
.background{ background-color:#2C008A }
```

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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