

Converting Colors

Hex(2C308B)

Have a look what the booklet for
Hex(2C308B) contains.

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Color

Hex(2C308B)

Conversions

Conversions Part 1

Format	Color
Hex	2C308B
RGB	44, 48, 139
RGB Percent	17%, 19%, 55%
CMY	0.8275, 0.8118, 0.4549
CMYK	0.68, 0.65, 0.00, 0.45
HSL	237°, 52%, 36%
HSV	237°, 68%, 55%
XYZ	6.7559, 4.5135, 24.9412
YIQ	57.1780, -31.5950, 27.4530

Conversions

Conversions Part 2

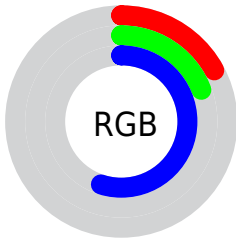
Format	Color
R_{YB}	44, 48, 139
Decimal	2896011
CIE _{Lab}	25.30, 29.10, -51.16
CIE _{LCh}	25, 58.858, 299.626
Yxy	4.5135, 0.1866, 0.1246
Android (android.graphics.Color)	4281086091 (0xFF2C308B)
YUV	57.1780, 40.3382, -11.5571
Hunter-Lab	21.2449, 19.5843, -54.7342




Details

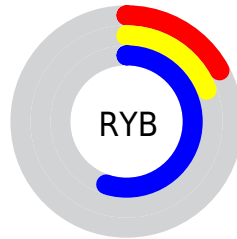
The Hex color **2C308B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B872C**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **665EC1**, and **000658** is the 20% darker color. If you saturate the color by 10%, you get **1E238B**, and if you desaturate by 10%, it is **3A3D8B**.

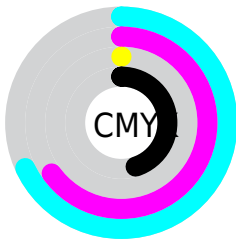
Distribution







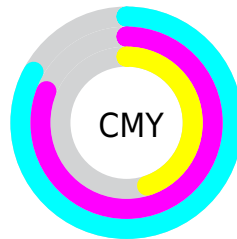
-  Red (17%)
-  Green (19%)
-  Blue (55%)






-  Red (17%)
-  Yellow (19%)
-  Blue (55%)



-  Cyan (68%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (83%)
-  Magenta (81%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C308B 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 2C308B by changing the saturation by 10% instead.

■ 2C308B

■ 2C308B

FFFFFF

■ 001B71

■ 665EC1

■ 000658

■ 8277DE

■ 000040

■ 9E91FB

■ 000329

■ BBABFF

■ 000113

■ D8C7FF

■ 000000

■ F5E3FF

■ 2C308B

■ 2C308B

■ 1E238B

■ 3A3D8B

■ 10158B

■ 484B8B

■ 02088B

■ 56588B

■ 00068B

■ 64658B

■ 72738B

■ 7F808B

■ 8D8D8B

■ 9B9B8B

■ A9A88B

Harmonies

Analogous

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



004397



2C308B



6E076A

Triad

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



2C308B



6D2500



004D3A

Complementary

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



2C308B



8B872C

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.



004B06



2C308B



4B3A00

Square

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



2C308B



820013



1D4500



004E67

Rectangle

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



2C308B



80004D



1D4500



004C2A

Sweetspot

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



2C308B



8F91B5



2C8B86



45465C



DBDBDB



5C5C5C

Same Dimension

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



2C308B



2127B5



572C8B



3E3E45



000685



000005

Inverse Universe

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



8B2C30



B52127



608B2C



453E3E



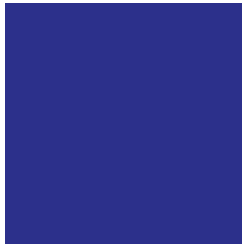
850006



050000

Previews

White Background



This preview shows how the Hex color 2C308B looks on a white background.

Color Contrast Check

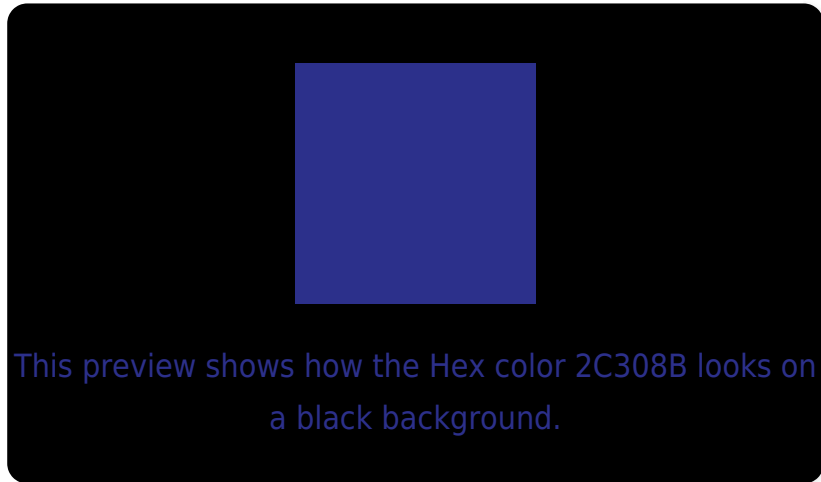
Large Text (above 18pt) WCAG AA ✓ Pass

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

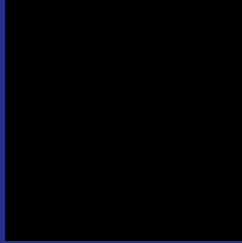
Any Text WCAG AA × Fail

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 2C308B Background



This preview shows how black text looks on a background with the Hex color 2C308B.



This preview shows how white text looks on a background with the Hex color 2C308B.

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
2C308B

Protanopia
003A7A

Deuteranopia
003E69

Trichromacy



Original Color
2C308B

Protanomaly
103680

Deuteranomaly
103975

Tritanomaly
103C60

Monochromacy



Original Color
2C308B

Achromatopsia
393939

Achromatomaly
343657

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C308B 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 #2C308B looks like.

```
.text, #text, p{  
    color:#2C308B  
}
```

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 #2C308B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C308B
}
```

Border

The CSS property to change the border of an element to Hex 2C308B 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
#2C308B }
```

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

```
.border{ border-color:#2C308B }
```

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

Here you see how a box with a 4 pixel #2C308B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C308B; -webkit-box-shadow:4px 4px  
4px 4px #2C308B; box-shadow:4px 4px 4px  
4px #2C308B }
```

Background

The CSS property to change the background color of an element to Hex 2C308B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C308B }
```

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

```
.background{ background-color:#2C308B }
```

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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