

Converting Colors

Hex(2C0EB9)

Have a look what the booklet for
Hex(2C0EB9) contains.

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Color

Hex(2C0EB9)

Conversions

Conversions Part 1

Format	Color
Hex	2C0EB9
RGB	44, 14, 185
RGB Percent	17%, 5%, 73%
CMY	0.8275, 0.9451, 0.2745
CMYK	0.76, 0.92, 0.00, 0.27
HSL	251°, 86%, 39%
HSV	251°, 92%, 73%
XYZ	9.9527, 4.3523, 46.2145
YIQ	42.4640, -37.0110, 59.5410

Conversions

Conversions Part 2

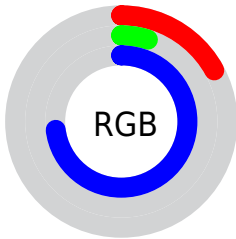
Format	Color
R_{YB}	44, 14, 185
Decimal	2887353
CIE _{Lab}	24.80, 59.79, -79.95
CIE _{LCh}	25, 99.837, 306.791
Yxy	4.3523, 0.1645, 0.0719
Android (android.graphics.Color)	4281077433 (0xFF2C0EB9)
YUV	42.4640, 70.2702, 1.3471
Hunter-Lab	20.8622, 48.6477, -116.7368

Details

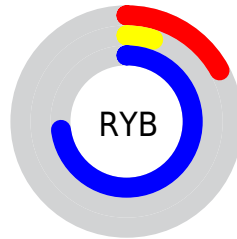
The Hex color **2C0EB9** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **9BB90E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7345F3**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **2000B9**, and if you desaturate by 10%, it is **3B21B9**.

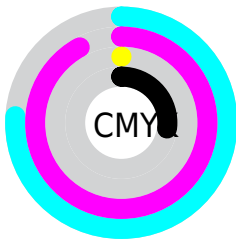
Distribution



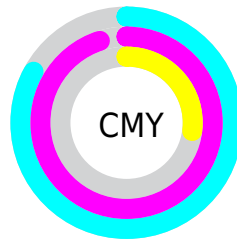
- Red (17%)
- Green (5%)
- Blue (73%)



- Red (17%)
- Yellow (5%)
- Blue (73%)



- Cyan (76%)
- Magenta (92%)
- Yellow (0%)
- Black (27%)



- Cyan (83%)
- Magenta (95%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0EB9 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 2C0EB9 by changing the saturation by 10% instead.

■ 2C0EB9

■ 2C0EB9

FFFFFF

■ 00009D

■ 7345F3

■ 000082

■ 925FFF

■ 000068

■ B179FF

■ 000A4F

■ D094FF

■ 000537

■ EEB0FF

■ 000220

■ FFCCFF

■ 000005

■ FFE9FF

■ 000000

■ 2C0EB9

■ 2C0EB9

■ 2000B9

■ 3B21B9

■ 4B33B9

■ 5A45B9

■ 6958B9

■ 786AB9

■ 887DB9

■ 9790B9

■ A6A2B9

■ B5B5B9

Harmonies

Analogous

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



0046D9



2C0EB9



980078

Triad

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



2C0EB9



751600



00514B

Complementary

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



2C0EB9



9BB90E

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.



004F00



2C0EB9



3A3F00

Square

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



2C0EB9



9F0000



004B00



005497

Rectangle

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



2C0EB9



AD0047



004B00



005131

Sweetspot

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



2C0EB9



B8ADF0



0E9CB9



564F78



F7F7F7



787878

Same Dimension

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



2C0EB9



2A00F0



800EB9



54535C



1B009C



05001C

Inverse Universe

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



B90E9B



F000C6



47B90E



5C535A



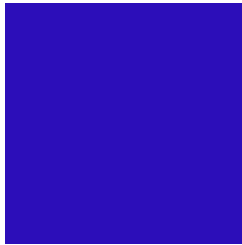
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 2C0EB9 looks on a white background.

Color Contrast Check

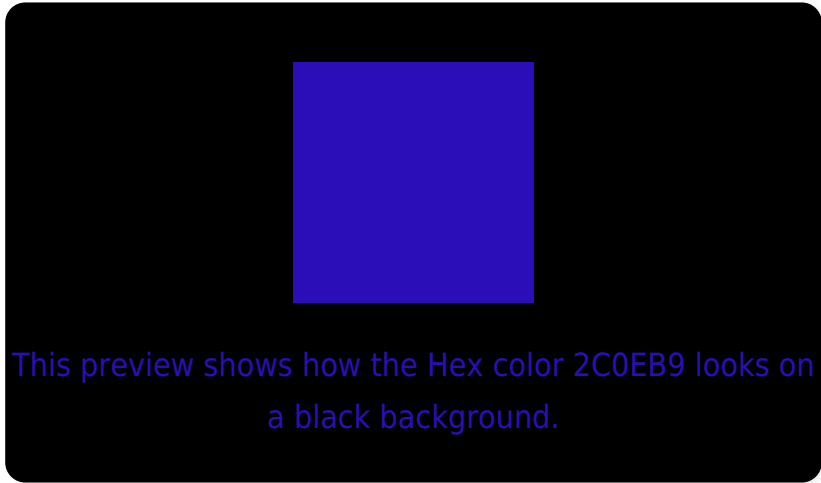
Large Text (above 18pt) WCAG AA ✓ Pass

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

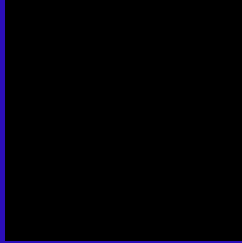
Any Text WCAG AA × Fail

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 2C0EB9 Background



This preview shows how black text looks on a background with the Hex color 2C0EB9.



This preview shows how white text looks on a background with the Hex color 2C0EB9.

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
2C0EB9

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
2C0EB9

Protanomaly
102A90

Deuteranomaly
102D85

Tritanomaly
103070

Monochromacy



Original Color
2C0EB9

Achromatopsia
2A2A2A

Achromatomaly
2B205E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0EB9 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 #2C0EB9 looks like.

```
.text, #text, p{  
    color:#2C0EB9  
}
```

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 #2C0EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0EB9
}
```

Border

The CSS property to change the border of an element to Hex 2C0EB9 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".

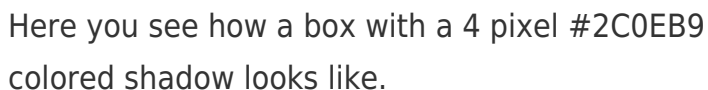
```
.border, #border, table{ border:4px solid
#2C0EB9 }
```

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

```
.border{ border-color:#2C0EB9 }
```

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

Here you see how a box with a 4 pixel #2C0EB9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #2C0EB9 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0EB9; -webkit-box-shadow:4px 4px  
4px 4px #2C0EB9; box-shadow:4px 4px 4px  
4px #2C0EB9 }
```

Background

The CSS property to change the background color of an element to Hex 2C0EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0EB9 }
```

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

```
.background{ background-color:#2C0EB9 }
```

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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