

Converting Colors

Hex(2C06E2)

Have a look what the booklet for
Hex(2C06E2) contains.

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Color

Hex(2C06E2)

Conversions

Conversions Part 1

Format	Color
Hex	2C06E2
RGB	44, 6, 226
RGB Percent	17%, 2%, 89%
CMY	0.8275, 0.9765, 0.1137
CMYK	0.81, 0.97, 0.00, 0.11
HSL	250°, 95%, 45%
HSV	250°, 97%, 89%
XYZ	14.8313, 6.1567, 72.3582
YIQ	42.4420, -47.9720, 76.4760

Conversions

Conversions Part 2

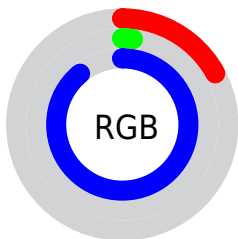
Format	Color
R_{YB}	44, 6, 226
Decimal	2885346
CIE _{Lab}	29.80, 71.75, -95.56
CIE _{LCh}	30, 119.497, 306.902
Yxy	6.1567, 0.1589, 0.0660
Android (android.graphics.Color)	4281075426 (0xFF2C06E2)
YUV	42.4420, 90.4941, 1.3664
Hunter-Lab	24.8127, 63.2725, -155.5310

Details

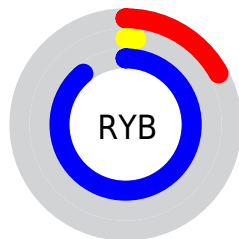
The Hex color **2C06E2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BCE206**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **7D47FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **2700E2**, and if you desaturate by 10%, it is **3F1DE2**.

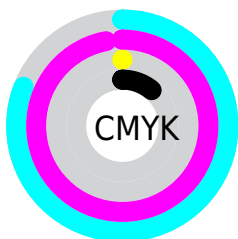
Distribution



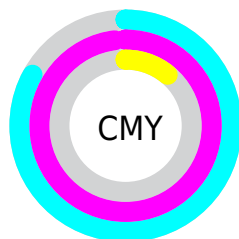
- Red (17%)
- Green (2%)
- Blue (89%)



- Red (17%)
- Yellow (2%)
- Blue (89%)



- Cyan (81%)
- Magenta (97%)
- Yellow (0%)
- Black (11%)




















- Cyan (83%)
- Magenta (98%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C06E2 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 2C06E2 by changing the saturation by 10% instead.

 2C06E2	 2C06E2
 FFFFFFFF	 0000C5
 7D47FF	 0000A9
 9E62FF	 00008D
 BF7DFF	 000072
 DF99FF	 000D59
 FFB5FF	 000740
 FFD1FF	 000329
 FFEFFF	 000113
	 000000

■ 2C06E2

■ 2C06E2

■ 2700E2

■ 3F1DE2

■ 5133E2

■ 644AE2

■ 7760E2

■ 8977E2

■ 9C8EE2

■ AFA4E2

■ C2BBE2

■ D4D1E2

Harmonies

Analogous

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



0054FF



2C06E2



B90092

Triad

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



2C06E2



8D1600



00605B

Complementary

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



2C06E2



BCE206

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.



005E00



2C06E2



434B00

Square

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



2C06E2



C00000



005900



0064B8

Rectangle

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



2C06E2



D20055



005900



005F3A

Sweetspot

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



2C06E2



C2B5FF



06BDE2



5B5380



000000



808080

Same Dimension

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



2C06E2



2C00FF



9906E2



676570



1E00B0



080030

Inverse Universe

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



E206BC



FF00D3



4FE206



70656E



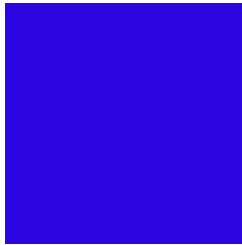
B00092



300028

Previews

White Background



This preview shows how the Hex color 2C06E2 looks on a white background.

Color Contrast Check

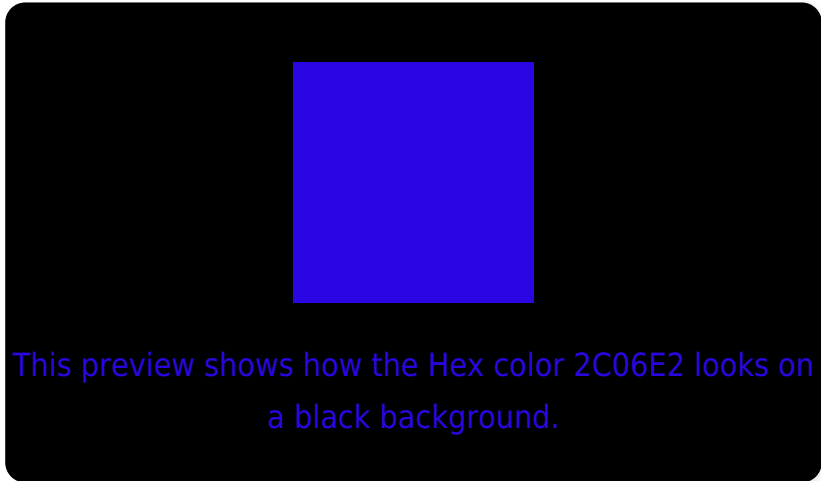
Large Text (above 18pt) WCAG AA ✓ Pass

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

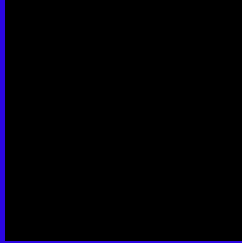
Any Text WCAG AA × Fail

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 2C06E2 Background



This preview shows how black text looks on a background with the Hex color 2C06E2.

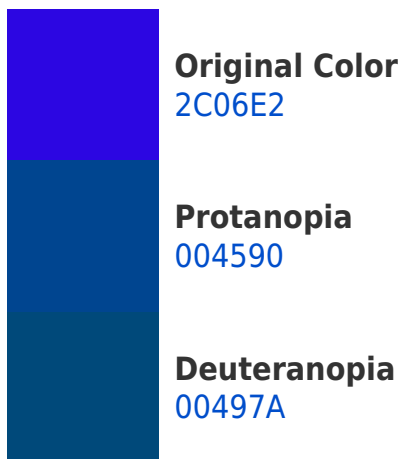


This preview shows how white text looks on a background with the Hex color 2C06E2.

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





Tritanopia
004F53

Trichromacy



Original Color
2C06E2

Protanomaly
102EAE

Deuteranomaly
1031A0

Tritanomaly
103487

Monochromacy



Original Color
2C06E2

Achromatopsia
2A2A2A

Achromatomaly
2B1D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C06E2 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 #2C06E2 looks like.

```
.text, #text, p{  
    color:#2C06E2  
}
```

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 #2C06E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C06E2
}
```

Border

The CSS property to change the border of an element to Hex 2C06E2 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".

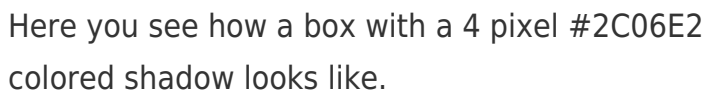
```
.border, #border, table{ border:4px solid
#2C06E2 }
```

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

```
.border{ border-color:#2C06E2 }
```

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

Here you see how a box with a 4 pixel #2C06E2 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C06E2; -webkit-box-shadow:4px 4px  
4px 4px #2C06E2; box-shadow:4px 4px 4px  
4px #2C06E2 }
```

Background

The CSS property to change the background color of an element to Hex 2C06E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C06E2 }
```

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

```
.background{ background-color:#2C06E2 }
```

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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