

Converting Colors

Hex(2C0AE7)

Have a look what the booklet for
Hex(2C0AE7) contains.

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Color

Hex(2C0AE7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C0AE7 |
| RGB | 44, 10, 231 |
| RGB Percent | 17%, 4%, 91% |
| CMY | 0.8275, 0.9608, 0.0941 |
| CMYK | 0.81, 0.96, 0.00, 0.09 |
| HSL | 249°, 92%, 47% |
| HSV | 249°, 96%, 91% |
| XYZ | 15.5711, 6.5221, 76.0395 |
| YIQ | 45.3600, -50.6770, 75.9390 |

Conversions

Conversions Part 2

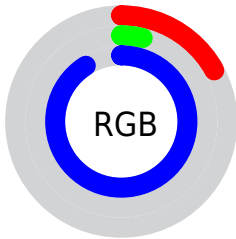
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 44, 10, 231 |
| Decimal | 2886375 |
| CIE _{Lab} | 30.69, 72.32, -96.94 |
| CIE _{LCh} | 31, 120.944, 306.726 |
| Yxy | 6.5221, 0.1587, 0.0665 |
| Android (android.graphics.Color) | 4281076455 (0xFF2C0AE7) |
| YUV | 45.3600, 91.5205, -1.1927 |
| Hunter-Lab | 25.5384, 64.1415, -158.6569 |

Details

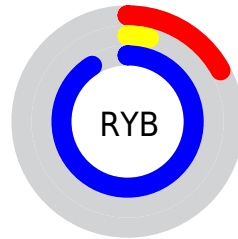
The Hex color **2C0AE7** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C5E70A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7E49FF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **2400E7**, and if you desaturate by 10%, it is **4021E7**.

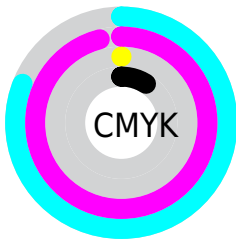
Distribution



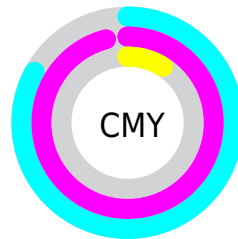
- Red (17%)
- Green (4%)
- Blue (91%)



- Red (17%)
- Yellow (4%)
- Blue (91%)



- Cyan (81%)
- Magenta (96%)
- Yellow (0%)
- Black (9%)



- Cyan (83%)
- Magenta (96%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0AE7 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 2C0AE7 by changing the saturation by 10% instead.

 2C0AE7

 2C0AE7

FFFFFF

 0000CA

 7E49FF

 0000AE

 A064FF

 000092

 C07FFF

 000077

 E09BFF

 000E5D

 FFB7FF

 000844

 FFD4FF

 00032D

 FFF1FF

 000117

 000000

■ 2C0AE7

■ 2C0AE7

■ 2400E7

■ 4021E7

■ 5338E7

■ 674FE7

■ 7A66E7

■ 8E7DE7

■ A195E7

■ B5ACE7

■ C8C3E7

■ DCDAE7

Harmonies

Analogous

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



0057FF



2C0AE7



BD0096

Triad

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



2C0AE7



901700



00635D

Complementary

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



2C0AE7



C5E70A

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.



006000



2C0AE7



464D00

Square

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



2C0AE7



C40000



005C00



0066BC

Rectangle

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



2C0AE7



D70058



005C00



00623B

Sweetspot

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



2C0AE7



C0B5FF



0AC6E7



5A5380



000000



808080

Same Dimension

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



2C0AE7



2700FF



9A0AE7



696773



1B00B3



080033

Inverse Universe

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



E70AC5



FF00D8



57E70A



736771



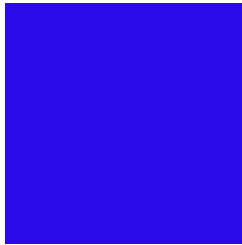
B30097



33002B

Previews

White Background



This preview shows how the Hex color 2C0AE7 looks on a white background.

Color Contrast Check

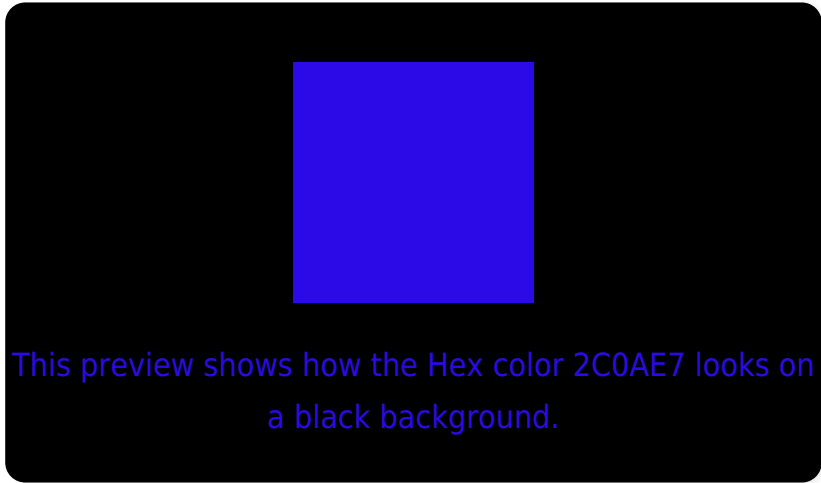
Large Text (above 18pt) WCAG AA ✓ Pass

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

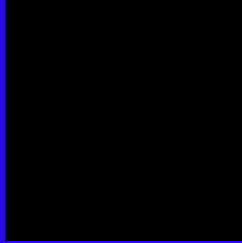
Any Text WCAG AA × Fail

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 2C0AE7 Background



This preview shows how black text looks on a background with the Hex color 2C0AE7.



This preview shows how white text looks on a background with the Hex color 2C0AE7.

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
2C0AE7

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
2C0AE7

Protanomaly
1030B2

Deuteranomaly
1033A4

Tritanomaly
10378A

Monochromacy



Original Color
2C0AE7

Achromatopsia
2D2D2D

Achromatomaly
2D2071

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0AE7 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 #2C0AE7 looks like.

```
.text, #text, p{  
    color:#2C0AE7  
}
```

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 #2C0AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0AE7
}
```

Border

The CSS property to change the border of an element to Hex 2C0AE7 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".

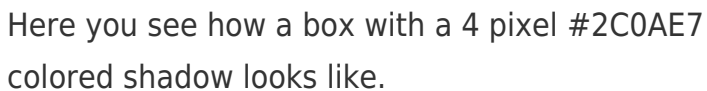
```
.border, #border, table{ border:4px solid
#2C0AE7 }
```

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

```
.border{ border-color:#2C0AE7 }
```

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

Here you see how a box with a 4 pixel #2C0AE7 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 #2C0AE7; -webkit-box-shadow:4px 4px  
4px 4px #2C0AE7; box-shadow:4px 4px 4px  
4px #2C0AE7 }
```

Background

The CSS property to change the background color of an element to Hex 2C0AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0AE7 }
```

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

```
.background{ background-color:#2C0AE7 }
```

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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