

Converting Colors

Hex(2C13C1)

Have a look what the booklet for
Hex(2C13C1) contains.

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Color

Hex(2C13C1)

Conversions

Conversions Part 1

Format	Color
Hex	2C13C1
RGB	44, 19, 193
RGB Percent	17%, 7%, 76%
CMY	0.8275, 0.9255, 0.2431
CMYK	0.77, 0.90, 0.00, 0.24
HSL	249°, 82%, 42%
HSV	249°, 90%, 76%
XYZ	10.8972, 4.8515, 50.8142
YIQ	46.3110, -40.9540, 59.4140

Conversions

Conversions Part 2

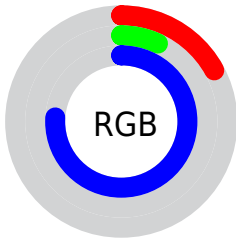
Format	Color
R_{YB}	44, 19, 193
Decimal	2888641
CIE _{Lab}	26.31, 60.54, -82.19
CIE _{LCh}	26, 102.080, 306.376
Yxy	4.8515, 0.1637, 0.0729
Android (android.graphics.Color)	4281078721 (0xFF2C13C1)
YUV	46.3110, 72.3177, -2.0267
Hunter-Lab	22.0261, 49.7658, -121.3639

Details

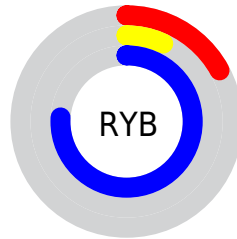
The Hex color **2C13C1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A8C113**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7549FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **1C00C1**, and if you desaturate by 10%, it is **3D26C1**.

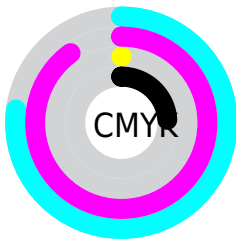
Distribution



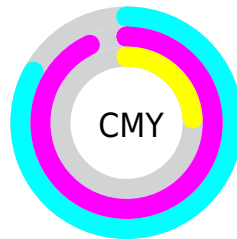
- Red (17%)
- Green (7%)
- Blue (76%)



- Red (17%)
- Yellow (7%)
- Blue (76%)



- Cyan (77%)
- Magenta (90%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C13C1 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 2C13C1 by changing the saturation by 10% instead.

 2C13C1

 2C13C1

FFFFFF

 0000A5

 7549FB

 00008A

 9463FF

 00006F

 B37DFF

 000B56

 D298FF

 00063D

 F1B4FF

 000327

 FFD0FF

 000110

 FFEDFF

 000000

 2C13C1

 2C13C1

■ 1C00C1

■ 3D26C1

■ 4D3AC1

■ 5E4DC1

■ 6E60C1

■ 7F73C1

■ 8F87C1

■ A09AC1

■ B0ADC1

■ C1C1C1

Harmonies

Analogous

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



0049E1



2C13C1



9E007F

Triad

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



2C13C1



7B1800



00554E

Complementary

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



2C13C1



A8C113

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.



005300



2C13C1



3E4200

Square

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



2C13C1



A60000



004F00



00589C

Rectangle

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



2C13C1



B4004C



004F00



005533

Sweetspot

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



2C13C1



C0B6FA



13AAC1



5B557D



FCFCFC



7D7D7D

Same Dimension

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



2C13C1



2400FA



8113C1



595761



1700A1



050021

Inverse Universe

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



C113A8



FA00D6



53C113



615760



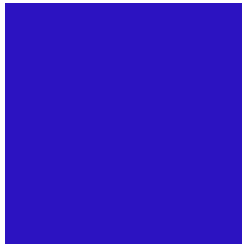
A1008A



21001C

Previews

White Background



This preview shows how the Hex color 2C13C1 looks on a white background.

Color Contrast Check

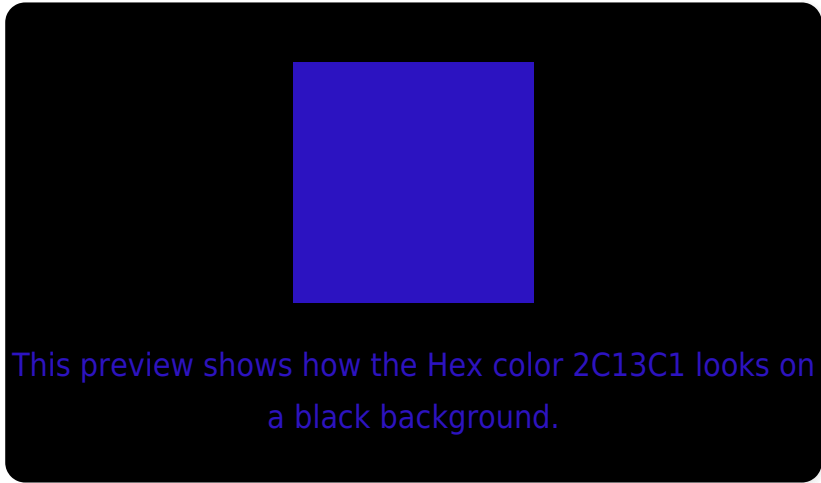
Large Text (above 18pt) WCAG AA ✓ Pass

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

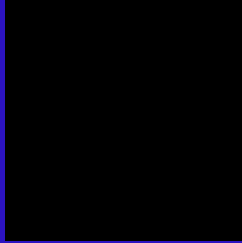
Any Text WCAG AA × Fail

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 2C13C1 Background



This preview shows how black text looks on a background with the Hex color 2C13C1.



This preview shows how white text looks on a background with the Hex color 2C13C1.

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
2C13C1

Protanopia
003D7F

Deuteranopia
00416C



Tritanopia
00464A

Trichromacy



Original Color
2C13C1

Protanomaly
102E97

Deuteranomaly
10308B

Tritanomaly
103375

Monochromacy



Original Color
2C13C1

Achromatopsia
2E2E2E

Achromatomaly
2D2463

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C13C1 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 #2C13C1 looks like.

```
.text, #text, p{  
    color:#2C13C1  
}
```

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 #2C13C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C13C1
}
```

Border

The CSS property to change the border of an element to Hex 2C13C1 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
#2C13C1 }
```

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

```
.border{ border-color:#2C13C1 }
```

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

Here you see how a box with a 4 pixel #2C13C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C13C1; -webkit-box-shadow:4px 4px  
4px 4px #2C13C1; box-shadow:4px 4px 4px  
4px #2C13C1 }
```

Background

The CSS property to change the background color of an element to Hex 2C13C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C13C1 }
```

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

```
.background{ background-color:#2C13C1 }
```

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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