

Converting Colors

Hex(2C16B2)

Have a look what the booklet for
Hex(2C16B2) contains.

Hex(2C16B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C16B2)

Conversions

Conversions Part 1

Format	Color
Hex	2C16B2
RGB	44, 22, 178
RGB Percent	17%, 9%, 70%
CMY	0.8275, 0.9137, 0.3020
CMYK	0.75, 0.88, 0.00, 0.30
HSL	248°, 78%, 39%
HSV	248°, 88%, 70%
XYZ	9.3615, 4.3236, 42.4606
YIQ	46.3620, -36.9640, 53.1800

Conversions

Conversions Part 2

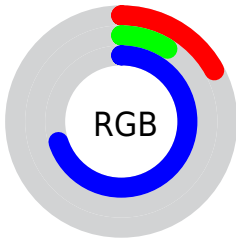
Format	Color
R_{YB}	44, 22, 178
Decimal	2889394
CIE _{Lab}	24.71, 55.42, -75.92
CIE _{LCh}	25, 93.996, 306.127
Yxy	4.3236, 0.1667, 0.0770
Android (android.graphics.Color)	4281079474 (0xFF2C16B2)
YUV	46.3620, 64.8975, -2.0715
Hunter-Lab	20.7934, 43.9750, -106.5164

Details

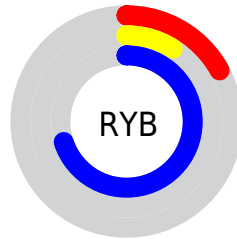
The Hex color **2C16B2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9CB216**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7149EB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **1D04B2**, and if you desaturate by 10%, it is **3B28B2**.

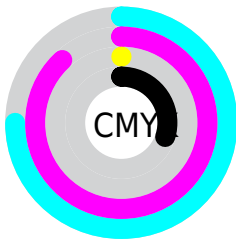
Distribution



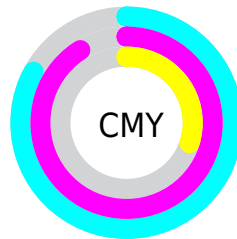
- Red (17%)
- Green (9%)
- Blue (70%)



- Red (17%)
- Yellow (9%)
- Blue (70%)



- Cyan (75%)
- Magenta (88%)
- Yellow (0%)
- Black (30%)



- Cyan (83%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C16B2 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 2C16B2 by changing the saturation by 10% instead.

■ 2C16B2

■ 2C16B2

FFFFFF

■ 000096

■ 7149EB

■ 00007C

■ 9063FF

■ 000062

■ AE7DFF

■ 000949

■ CC98FF

■ 000431

■ EBB3FF

■ 00011B

■ FFCFFF

■ 000000

■ FFECFF

■ 2C16B2

■ 2C16B2

■ 1D04B2

■ 3B28B2

■ 1900B2

■ 4B3AB2

■ 5A4BB2

■ 695DB2

■ 786FB2

■ 8881B2

■ 9793B2

■ A6A4B2

■ B6B6B2

Harmonies

Analogous

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



0045CF



2C16B2



920076

Triad

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



2C16B2



741800



005048

Complementary

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



2C16B2



9CB216

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.



004E00



2C16B2



3C3E00

Square

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



2C16B2



9A0000



004A00



00528F

Rectangle

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



2C16B2



A70048



004A00



00502F

Sweetspot

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



2C16B2



B4ACE8



169DB2



565175



F5F5F5



757575

Same Dimension

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



2C16B2



2100E8



7916B2



525059



160099



04001A

Inverse Universe

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



B2169C



E800C7



4FB216



595058



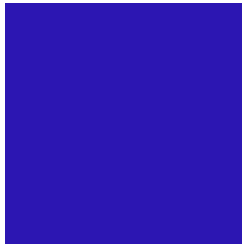
990083



1A0016

Previews

White Background



This preview shows how the Hex color 2C16B2 looks on a white background.

Color Contrast Check

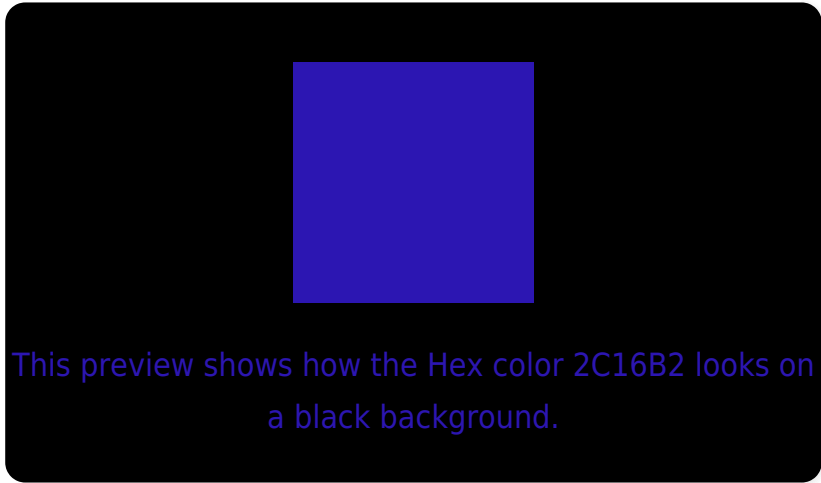
Large Text (above 18pt) WCAG AA ✓ Pass

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

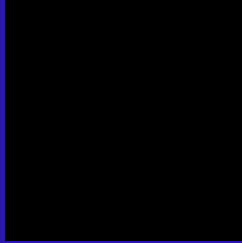
Any Text WCAG AA × Fail

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 2C16B2 Background



This preview shows how black text looks on a background with the Hex color 2C16B2.



This preview shows how white text looks on a background with the Hex color 2C16B2.

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
2C16B2

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
2C16B2

Protanomaly
102C8D

Deuteranomaly
102F82

Tritanomaly
10326D

Monochromacy



Original Color
2C16B2

Achromatopsia
2E2E2E

Achromatomaly
2D255E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C16B2 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 #2C16B2 looks like.

```
.text, #text, p{  
    color:#2C16B2  
}
```

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 #2C16B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C16B2
}
```

Border

The CSS property to change the border of an element to Hex 2C16B2 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
#2C16B2 }
```

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

```
.border{ border-color:#2C16B2 }
```

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

Here you see how a box with a 4 pixel #2C16B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C16B2; -webkit-box-shadow:4px 4px  
4px 4px #2C16B2; box-shadow:4px 4px 4px  
4px #2C16B2 }
```

Background

The CSS property to change the background color of an element to Hex 2C16B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C16B2 }
```

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

```
.background{ background-color:#2C16B2 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor