

Converting Colors

Hex(1C29B0)

Have a look what the booklet for
Hex(1C29B0) contains.

Hex(1C29B0)	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>	28

Color

Hex(1C29B0)

Conversions

Conversions Part 1

Format	Color
Hex	1C29B0
RGB	28, 41, 176
RGB Percent	11%, 16%, 69%
CMY	0.8902, 0.8392, 0.3098
CMYK	0.84, 0.77, 0.00, 0.31
HSL	235°, 73%, 40%
HSV	235°, 84%, 69%
XYZ	9.1083, 4.9673, 41.5530
YIQ	52.5030, -51.0830, 39.2290

Conversions

Conversions Part 2

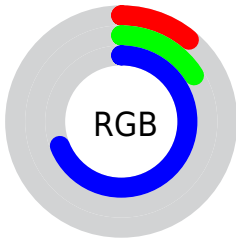
Format	Color
R_{YB}	28, 40, 176
Decimal	1845680
CIE _{Lab}	26.64, 45.01, -71.55
CIE _{LCh}	27, 84.529, 302.171
Yxy	4.9673, 0.1637, 0.0893
Android (android.graphics.Color)	4280035760 (0xFF1C29B0)
YUV	52.5030, 60.8840, -21.4891
Hunter-Lab	22.2875, 33.9448, -94.9394

Details

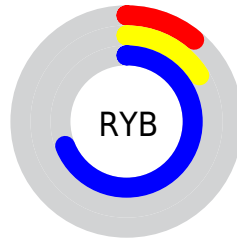
The Hex color **1C29B0** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B0A31C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6758E9**, and **00007A** is the 20% darker color. If you saturate the color by 10%, you get **0A19B0**, and if you desaturate by 10%, it is **2E39B0**.

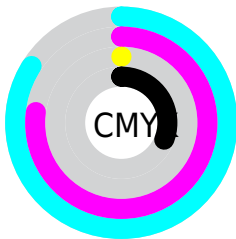
Distribution



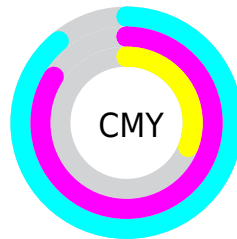
- Red (11%)
- Green (16%)
- Blue (69%)



- Red (11%)
- Yellow (16%)
- Blue (69%)



- Cyan (84%)
- Magenta (77%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (84%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C29B0 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 1C29B0 by changing the saturation by 10% instead.

■ 1C29B0

■ 1C29B0

FFFFFF

■ 001395

■ 6758E9

■ 00007A

■ 8671FF

■ 000060

■ A48BFF

■ 000847

■ C2A6FF

■ 000430

■ E0C1FF

■ 00011A

■ FFDDFF

■ 000000

■ FFFAFF

■ 1C29B0

■ 1C29B0

■ 0A19B0

■ 2E39B0

■ 000FB0

■ 3F49B0

■ 5159B0

■ 6269B0

■ 7479B0

■ 8689B0

■ 9799B0

■ A9A9B0

■ BAB9B0

Harmonies

Analogous

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



0049C5



1C29B0



89007D

Triad

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



1C29B0



7B1B00



005442

Complementary

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



1C29B0



B0A31C

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.



005200



1C29B0



4A3F00

Square

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



1C29B0



9C0000



004D00



005684

Rectangle

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



1C29B0



A00053



004D00



00532B

Sweetspot

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



1C29B0



ACB1E6



1CB0A1



505373



F2F2F2



737373

Same Dimension

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



1C29B0



0014E6



571CB0



505159



000D99



00021A

Inverse Universe

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



B01C29



E60014



75B01C



595051



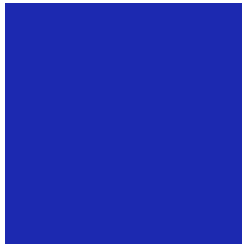
99000D



1A0002

Previews

White Background



This preview shows how the Hex color 1C29B0 looks on a white background.

Color Contrast Check

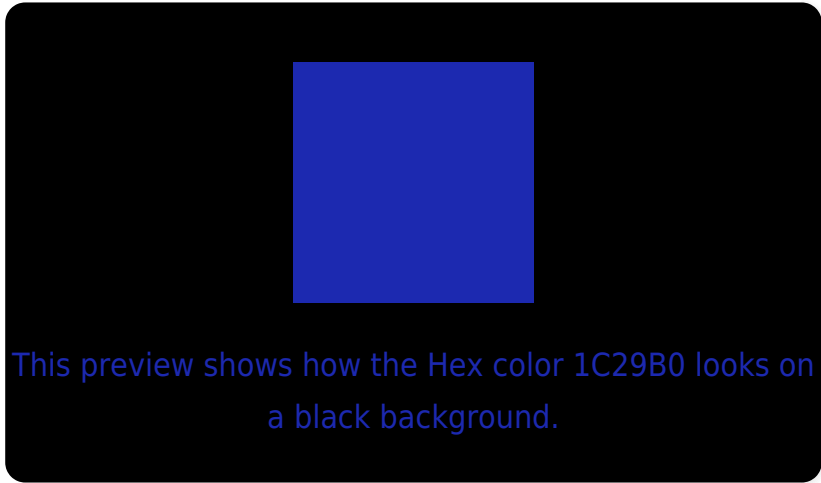
Large Text (above 18pt) WCAG AA ✓ Pass

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

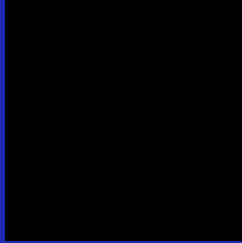
Any Text WCAG AA × Fail

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 1C29B0 Background



This preview shows how black text looks on a background with the Hex color 1C29B0.



This preview shows how white text looks on a background with the Hex color 1C29B0.

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



Trichromacy



Original Color
1C29B0

Deuteranomaly
0A3885

Tritanomaly
0A3B6F

Monochromacy



Original Color
1C29B0

Achromatopsia
353535

Achromatomaly
2C3162

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C29B0 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 #1C29B0 looks like.

```
.text, #text, p{  
    color:#1C29B0  
}
```

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 #1C29B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C29B0
}
```

Border

The CSS property to change the border of an element to Hex 1C29B0 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
#1C29B0 }
```

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

```
.border{ border-color:#1C29B0 }
```

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

Here you see how a box with a 4 pixel #1C29B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C29B0; -webkit-box-shadow:4px 4px  
4px 4px #1C29B0; box-shadow:4px 4px 4px  
4px #1C29B0 }
```

Background

The CSS property to change the background color of an element to Hex 1C29B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C29B0 }
```

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

```
.background{ background-color:#1C29B0 }
```

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