

Converting Colors

Hex(2101CD)

Have a look what the booklet for
Hex(2101CD) contains.

Hex(2101CD)	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(2101CD)

Conversions

Conversions Part 1

Format	Color
Hex	2101CD
RGB	33, 1, 205
RGB Percent	13%, 0%, 80%
CMY	0.8706, 0.9961, 0.1961
CMYK	0.84, 1.00, 0.00, 0.20
HSL	249°, 99%, 40%
HSV	249°, 100%, 80%
XYZ	11.6575, 4.7528, 58.0606
YIQ	33.8240, -46.4120, 70.2280

Conversions

Conversions Part 2

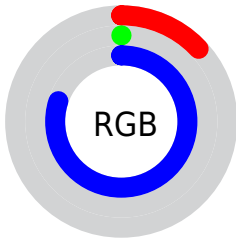
Format	Color
R_{YB}	33, 1, 205
Decimal	2163149
CIE Lab	26.02, 67.31, -89.74
CIE LCh	26, 112.174, 306.872
Yxy	4.7528, 0.1565, 0.0638
Android (android.graphics.Color)	4280353229 (0xFF2101CD)
YUV	33.8240, 84.3898, -0.7226
Hunter-Lab	21.8010, 57.2966, -142.6411

Details

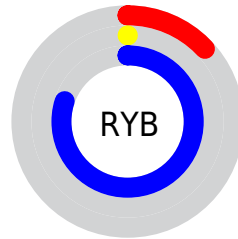
The Hex color **2101CD** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **ADCD01**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7341FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **2000CD**, and if you desaturate by 10%, it is **3215CD**.

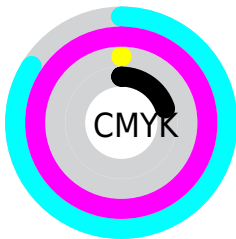
Distribution



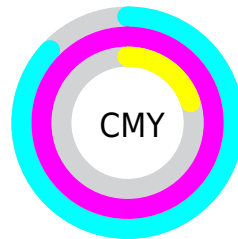
- Red (13%)
- Green (0%)
- Blue (80%)



- Red (13%)
- Yellow (0%)
- Blue (80%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (87%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2101CD 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 2101CD by changing the saturation by 10% instead.

 2101CD

 2101CD

FFFFFF

 0000B1

 7341FF

 000095

 945CFF

 00007A

 B477FF

 000A60

 D392FF

 000847

 F3AEFF

 000430

 FFCAFF

 00011A

 FFE7FF

 000000

 2101CD

 2101CD

■ 2000CD

■ 3215CD

■ 442ACD

■ 553ECD

■ 6653CD

■ 7768CD

■ 897CCD

■ 9A91CD

■ ABA5CD

■ BDBACD

Harmonies

Analogous

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



004BF2



2101CD



A70083

Triad

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



2101CD



7E1000



005651

Complementary

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



2101CD



ADCD01

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



2101CD



3B4200

Square

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



2101CD



AD0000



004F00



0059A6

Rectangle

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



2101CD



BE004B



004F00



005532

Sweetspot

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



2101CD



BFB3FF



01AECD



595280



000000



808080

Same Dimension

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



2101CD



2800FF



8601CD



5D5C66



1A00A6



060026

Inverse Universe

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



CD01AD



FF00D7



48CD01



665C64



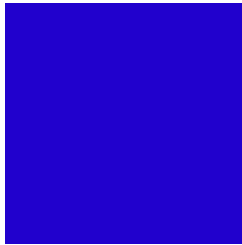
A6008C



260020

Previews

White Background



This preview shows how the Hex color 2101CD looks on a white background.

Color Contrast Check

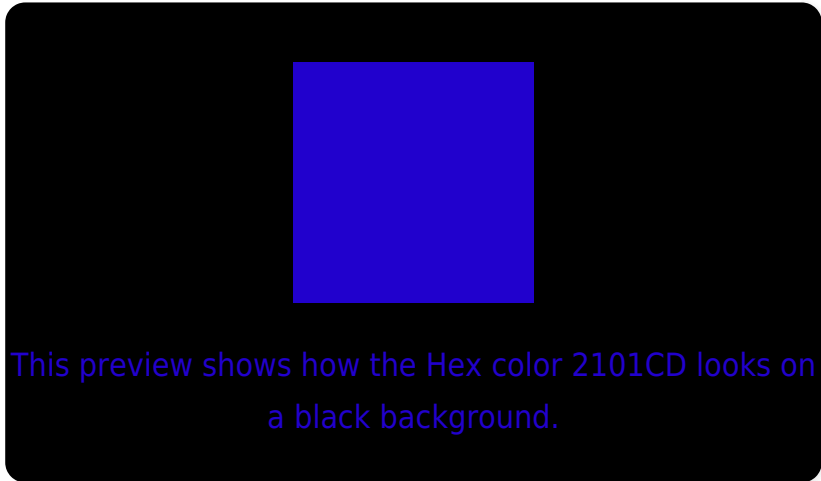
Large Text (above 18pt) WCAG AA ✓ Pass

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

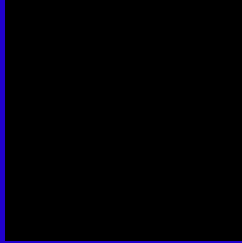
Any Text WCAG AA × Fail

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 2101CD Background



This preview shows how black text looks on a background with the Hex color 2101CD.



This preview shows how white text looks on a background with the Hex color 2101CD.

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
2101CD

Protanopia
003D81

Deuteranopia
00426D



Tritanopia
00474A

Trichromacy



Original Color
2101CD

Protanomaly
0C279D

Deuteranomaly
0C2A90

Tritanomaly
0C2E7A

Monochromacy



Original Color
2101CD

Achromatopsia
222222

Achromatomaly
221660

CSS Examples

Text

The CSS property to change the color of the text to Hex 2101CD 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 #2101CD looks like.

```
.text, #text, p{  
    color:#2101CD  
}
```

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 #2101CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2101CD
}
```

Border

The CSS property to change the border of an element to Hex 2101CD 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
#2101CD }
```

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

```
.border{ border-color:#2101CD }
```

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

Here you see how a box with a 4 pixel #2101CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2101CD; -webkit-box-shadow:4px 4px  
4px 4px #2101CD; box-shadow:4px 4px 4px  
4px #2101CD }
```

Background

The CSS property to change the background color of an element to Hex 2101CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2101CD }
```

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

```
.background{ background-color:#2101CD }
```

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