

# Converting Colors

Decimal(1835215)

Have a look what the booklet for  
Decimal(1835215) contains.

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# Color

**Decimal(1835215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C00CF
RGB	28, 0, 207
RGB Percent	11%, 0%, 81%
CMY	0.8902, 1.0000, 0.1882
CMYK	0.86, 1.00, 0.00, 0.19
HSL	248°, 100%, 41%
HSV	248°, 100%, 81%
XYZ	11.7414, 4.7519, 59.3298
YIQ	31.9700, -49.7590, 70.3130

# Conversions

## Conversions Part 2

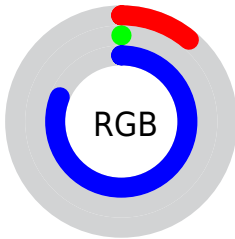
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 0, 207
Decimal	1835215
CIELab	26.02, 67.92, -90.91
CIELCh	26, 113.481, 306.760
Yxy	4.7519, 0.1549, 0.0627
Android (android.graphics.Color)	4280025295 (0xFF1C00CF)
YUV	31.9700, 86.2898, -3.4817
Hunter-Lab	21.7988, 57.9967, -146.1107

# Details

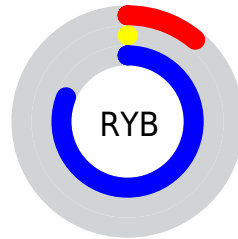
The Decimal color **1835215** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **11783936**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **7487999**, and **151** is the 20% darker color. If you saturate the color by 10%, you get **1835215**, and if you desaturate by 10%, it is **3020239**.

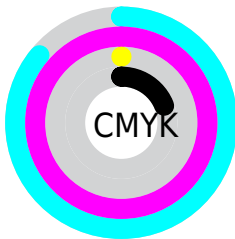
# Distribution



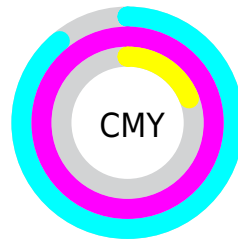
- Red (11%)
- Green (0%)
- Blue (81%)



- Red (11%)
- Yellow (0%)
- Blue (81%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)





















- Cyan (89%)
- Magenta (100%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1835215 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 Decimal color 1835215 by changing the saturation by 10% instead.



 1835215	 1835215
 16777215	 179
 7487999	 151
 9657599	 124
 11761407	 2658
 13865727	 2377
 15904255	 1073
 16763647	 283
 16770815	 0

 1835215

■ 3020239

■ 4205007

■ 5390031

■ 6575055

■ 7694543

■ 8879311

■ 10064335

■ 11249359

■ 12434127

# Harmonies

## Analogous

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



19444



1835215



11010180

# Triad

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



1835215



8326656



22096

# Complementary

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



1835215



11783936

# 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.



21248



1835215



3883520

# Square

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



1835215



11403264



20224



22951

# Rectangle

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



1835215



12517452



20224



21810



# Sweetspot

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



1835215



12432383



46031



5788288



0



8421504



# Same Dimension

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



1835215



2228479



8585423



6315625



1507496



393257



# Inverse Universe

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



13566131



16711901



5033728



6905447



11010194

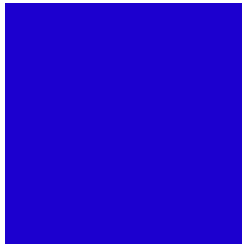


2687011



# Previews

## White Background



This preview shows how the Decimal color 1835215 looks on a white background.

## Color Contrast Check

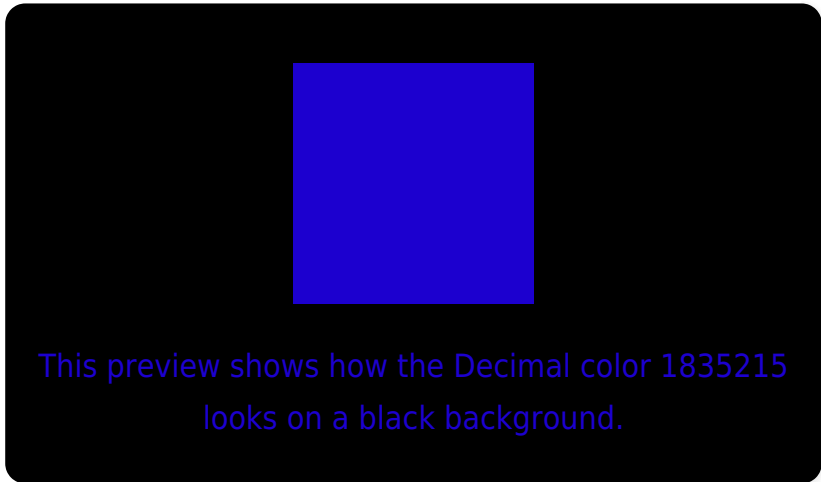
Large Text (above 18pt) WCAG AA ✓ Pass

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

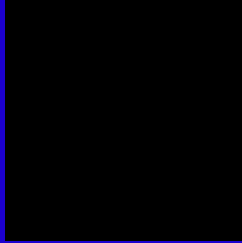
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1835215 Background



This preview shows how black text looks on a background with the Decimal color 1835215.



This preview shows how white text looks on a background with the Decimal color 1835215.

# 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**  
1835215

**Protanopia**  
15745

**Deuteranopia**  
17005



**Tritanopia**  
18250

# Trichromacy



**Original Color**  
1835215

**Protanomaly**  
665501

**Deuteranomaly**  
666257

**Tritanomaly**  
667002

# Monochromacy



**Original Color**  
1835215

**Achromatopsia**  
2105376

**Achromatomaly**  
2036832

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1835215 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 #1C00CF looks like.

```
.text, #text, p{  
    color:#1C00CF  
}
```

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 #1C00CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C00CF } }
```

## Border

The CSS property to change the border of an element to Decimal 1835215 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".

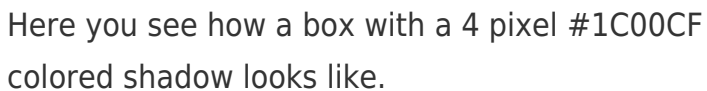
```
.border, #border, table{ border:4px solid #1C00CF } }
```

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

```
.border{ border-color:#1C00CF }
```

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

Here you see how a box with a 4 pixel #1C00CF 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 #1C00CF; -webkit-box-shadow:4px 4px  
4px 4px #1C00CF; box-shadow:4px 4px 4px  
4px #1C00CF }
```

# Background

The CSS property to change the background color of an element to Decimal 1835215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C00CF }
```

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

```
.background{ background-color:#1C00CF }
```

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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