

# Converting Colors

Decimal(1179865)

Have a look what the booklet for  
Decimal(1179865) contains.

<b>Decimal(1179865)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(1179865)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1200D9
RGB	18, 0, 217
RGB Percent	7%, 0%, 85%
CMY	0.9294, 1.0000, 0.1490
CMYK	0.92, 1.00, 0.00, 0.15
HSL	245°, 100%, 43%
HSV	245°, 100%, 85%
XYZ	12.7738, 5.1384, 65.9642
YIQ	30.1200, -58.9290, 71.3030

# Conversions

## Conversions Part 2

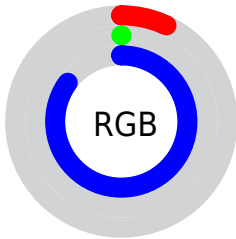
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 0, 217
Decimal	1179865
CIE <sub>Lab</sub>	27.13, 70.23, -94.88
CIE <sub>LCh</sub>	27, 118.040, 306.509
Yxy	5.1384, 0.1523, 0.0613
Android (android.graphics.Color)	4279369945 (0xFF1200D9)
YUV	30.1200, 92.1318, -10.6292
Hunter-Lab	22.6679, 60.9195, -156.6676

# Details

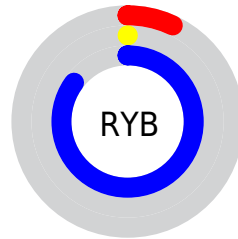
The Decimal color **1179865** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **13097216**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **7488255**, and **160** is the 20% darker color. If you saturate the color by 10%, you get **1179865**, and if you desaturate by 10%, it is **2496217**.

# Distribution



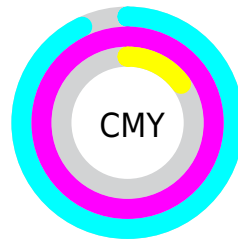
- Red (7%)
- Green (0%)
- Blue (85%)



- Red (7%)
- Yellow (0%)
- Blue (85%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)






















- Cyan (93%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1179865 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 1179865 by changing the saturation by 10% instead.



 1179865	 1179865
 16777215	 188
 7488255	 160
 9657855	 133
 11827455	 1898
 13931519	 2897
 16035839	 1337
 16763903	 547
 16771327	 9
	 0

■ 1179865

■ 2496217

■ 3812313

■ 5128665

■ 6445017

■ 7761369

■ 9011929

■ 10328281

■ 11644633

■ 12960729

# Harmonies

## Analogous

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



20479



1179865



11468939

# Triad

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



1179865



8653568



22867

# Complementary

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



1179865



13097216

# 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.



22272



1179865



4080640

# Square

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



1179865



11927552



20992



23982

# Rectangle

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



1179865



13107280



20992



22579



# Sweetspot

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



1179865



12170239



52185



5591680



0



8421504



# Same Dimension

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



1179865



1376511



8061145



6579054



917677



262190



# Inverse Universe

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



14221511



16711914



6215936



7234413



11337887

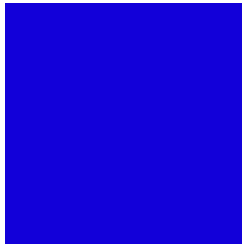


3014698



# Previews

## White Background



This preview shows how the Decimal color 1179865 looks on a white background.

## Color Contrast Check

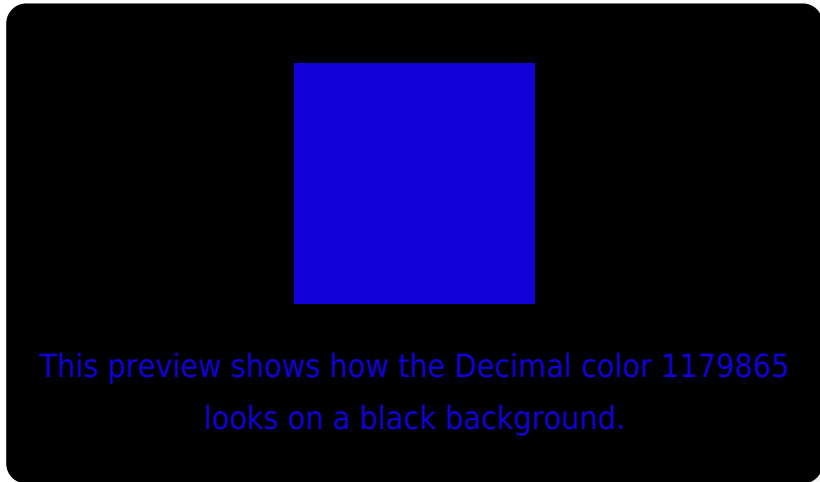
Large Text (above 18pt) WCAG AA ✓ Pass

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 1179865 Background



This preview shows how black text looks on a background with the Decimal color 1179865.



This preview shows how white text looks on a background with the Decimal color 1179865.

# 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**  
1179865

**Protanopia**  
16518

**Deuteranopia**  
17521



# Trichromacy



**Original Color**

1179865

**Protanomaly**

469412

**Deuteranomaly**

469911

**Tritanomaly**

470656

# Monochromacy



**Original Color**

1179865

**Achromatopsia**

1973790

**Achromatomaly**

1708898

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1179865 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 #1200D9 looks like.

```
.text, #text, p{  
    color:#1200D9  
}
```

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 #1200D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1200D9
}
```

## Border

The CSS property to change the border of an element to Decimal 1179865 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
#1200D9 }
```

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

```
.border{ border-color:#1200D9 }
```

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

Here you see how a box with a 4 pixel #1200D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1200D9; -webkit-box-shadow:4px 4px  
4px 4px #1200D9; box-shadow:4px 4px 4px  
4px #1200D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 1179865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1200D9 }
```

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

```
.background{ background-color:#1200D9 }
```

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