

# Converting Colors

Decimal(2171330)

Have a look what the booklet for  
Decimal(2171330) contains.

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# Color

**Decimal(2171330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2121C2
RGB	33, 33, 194
RGB Percent	13%, 13%, 76%
CMY	0.8706, 0.8706, 0.2392
CMYK	0.83, 0.83, 0.00, 0.24
HSL	240°, 71%, 45%
HSV	240°, 83%, 76%
XYZ	10.9087, 5.3061, 51.4882
YIQ	51.3540, -51.6810, 50.0710

# Conversions

## Conversions Part 2

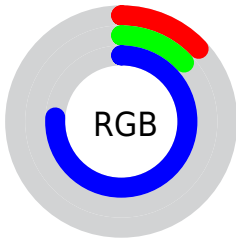
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 33, 194
Decimal	2171330
CIELab	27.59, 55.10, -80.66
CIElCh	28, 97.685, 304.337
Yxy	5.3061, 0.1611, 0.0784
Android (android.graphics.Color)	4280361410 (0xFF2121C2)
YUV	51.3540, 70.3245, -16.0965
Hunter-Lab	23.0349, 44.2211, -116.4017

# Details

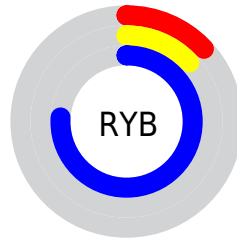
The Decimal color **2171330** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **12763681**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **7295740**, and **139** is the 20% darker color. If you saturate the color by 10%, you get **921282**, and if you desaturate by 10%, it is **3421378**.

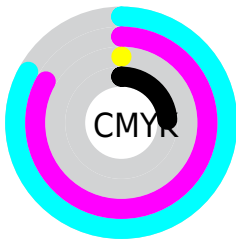
# Distribution



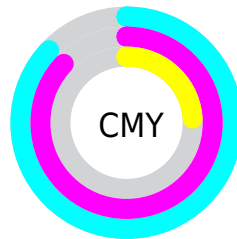
- Red (13%)
- Green (13%)
- Blue (76%)



- Red (13%)
- Yellow (13%)
- Blue (76%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (24%)























- Cyan (87%)
- Magenta (87%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2171330 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 2171330 by changing the saturation by 10% instead.



 2171330	 2171330
 16777215	 1702
 7295740	 139
 9334015	 112
 11372287	 2903
 13410815	 1598
 15449343	 807
 16767231	 273
 16774655	 0
 2171330	 2171330

■ 921282

■ 3421378

■ 194

■ 4737218

■ 5987266

■ 7303106

■ 8553154

■ 9803202

■ 11119042

■ 12369090

■ 13684930

# Harmonies

## Analogous

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



19934



2171330



10158212

# Triad

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



2171330



8460544



22603

# Complementary

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



2171330



12763681

# 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.



22016



2171330



4670208

# Square

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



2171330



11075584



20736



23191

# Rectangle

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



2171330



11731027



20736



22320



# Sweetspot

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



2171330



12434940



2212546



5855616



0



8421504



# Same Dimension

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



2171330



252



7414210



5724001



161



33



# Inverse Universe

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



12722626



16515324



7455265



6379361



10551457

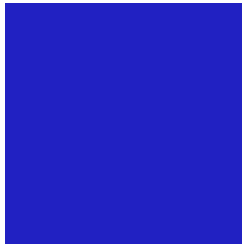


2162721



# Previews

## White Background



This preview shows how the Decimal color 2171330 looks on a white background.

## Color Contrast Check

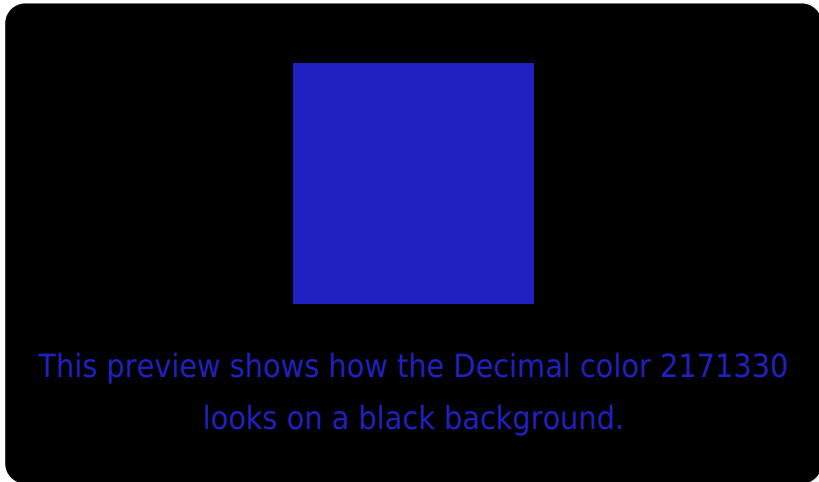
Large Text (above 18pt) WCAG AA ✓ Pass

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

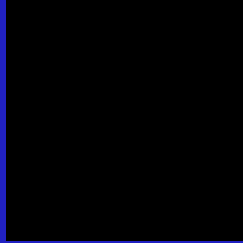
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2171330 Background



This preview shows how black text looks on a background with the Decimal color 2171330.

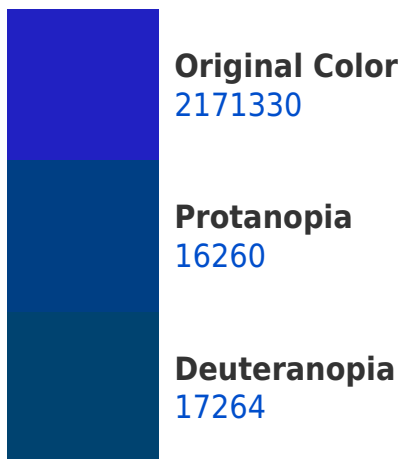


This preview shows how white text looks on a background with the Decimal color 2171330.

# 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**  
2171330

**Protanomaly**  
799899

**Deuteranomaly**  
800654

**Tritanomaly**  
801399

# Monochromacy



**Original Color**  
2171330

**Achromatopsia**  
3355443

**Achromatomaly**  
2894951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2171330 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 #2121C2 looks like.

```
.text, #text, p{  
  color:#2121C2  
}
```

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 #2121C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2121C2
}
```

## Border

The CSS property to change the border of an element to Decimal 2171330 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
#2121C2 }
```

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

```
.border{ border-color:#2121C2 }
```

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

Here you see how a box with a 4 pixel #2121C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2121C2; -webkit-box-shadow:4px 4px  
4px 4px #2121C2; box-shadow:4px 4px 4px  
4px #2121C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 2171330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2121C2 }
```

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

```
.background{ background-color:#2121C2 }
```

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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