

# Converting Colors

Decimal(5087)

Have a look what the booklet for  
Decimal(5087) contains.

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# Color

**Decimal(5087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0013DF
RGB	0, 19, 223
RGB Percent	0%, 7%, 87%
CMY	1.0000, 0.9255, 0.1255
CMYK	1.00, 0.91, 0.00, 0.13
HSL	235°, 100%, 44%
HSV	235°, 100%, 87%
XYZ	13.5522, 5.7935, 70.2160
YIQ	36.5750, -76.8080, 59.4160

# Conversions

## Conversions Part 2

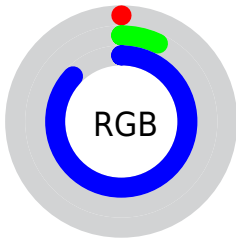
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 18, 223
Decimal	5087
CIELab	28.89, 67.74, -95.40
CIELCh	29, 117.007, 305.377
Yxy	5.7935, 0.1513, 0.0647
Android (android.graphics.Color)	4278195167 (0xFF0013DF)
YUV	36.5750, 91.9075, -32.0763
Hunter-Lab	24.0696, 58.3809, -156.1125

# Details

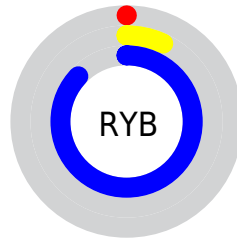
The Decimal color **5087** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **14666752**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **7293951**, and **166** is the 20% darker color. If you saturate the color by 10%, you get **5087**, and if you desaturate by 10%, it is **1451999**.

# Distribution



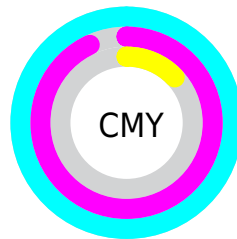
- Red (0%)
- Green (7%)
- Blue (87%)



- Red (0%)
- Yellow (7%)
- Blue (87%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)






















- Cyan (100%)
- Magenta (93%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5087 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 5087 by changing the saturation by 10% instead.



 5087	 5087
 16777215	 194
 7293951	 166
 9594367	 139
 11698431	 1392
 13868031	 3158
 15972351	 1598
 16765951	 807
 16773375	 272
	 0

- 5087
- 1451999
- 2964703
- 4411615
- 5858783
- 7371231
- 8818143
- 10265311
- 11712223
- 13224927

# Harmonies

## Analogous

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



21503



5087



11600018

# Triad

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



5087



9178368



23891

# Complementary

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



5087



14666752

# 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.



23296



5087



4605696

# Square

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



5087



12320768



22016



25007

# Rectangle

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



5087



13369431



22016



23859



# Sweetspot

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



5087



11778559



57289



5396096



0



8421504



# Same Dimension

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



5087



5887



5832927



6645360



4016



1072



# Inverse Universe

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



14614547



16711702



8838912



7365990



11534351

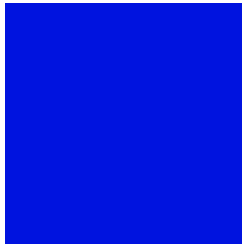


3145732



# Previews

## White Background



This preview shows how the Decimal color 5087 looks on a white background.

## Color Contrast Check

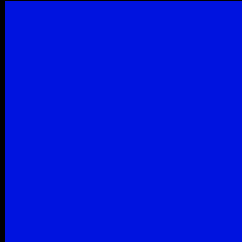
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Decimal color 5087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

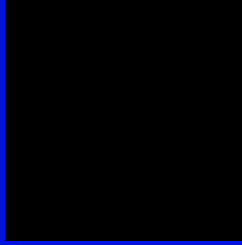
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5087 Background



This preview shows how black text looks on a background with the Decimal color 5087.

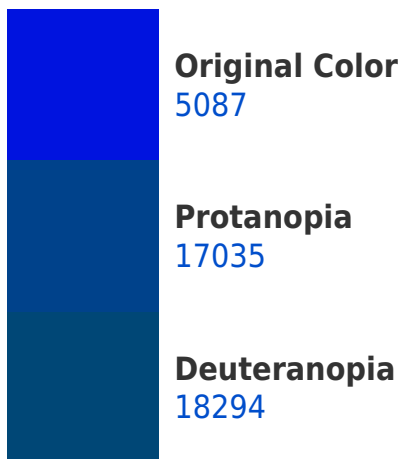


This preview shows how white text looks on a background with the Decimal color 5087.

# Color Blindness Simulation

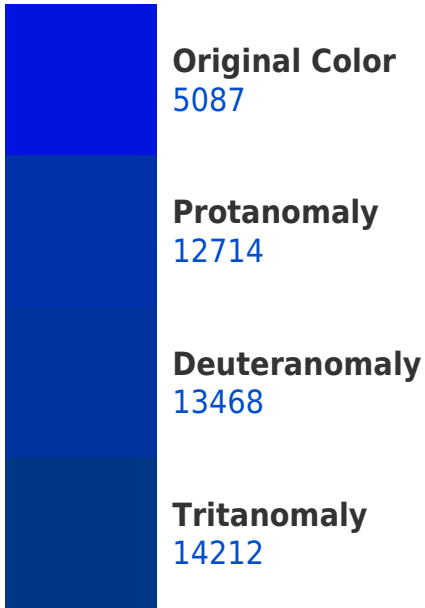
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

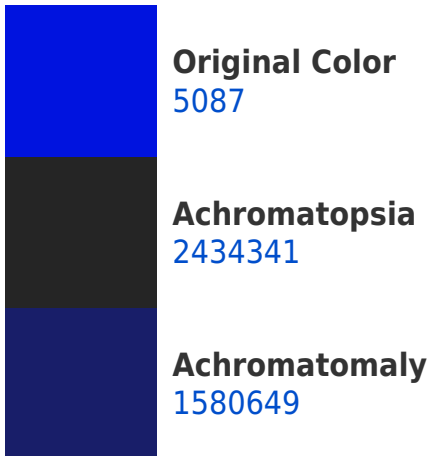




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5087 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 #0013DF looks like.

```
.text, #text, p{  
    color:#0013DF  
}
```

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 #0013DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0013DF
}
```

## Border

The CSS property to change the border of an element to Decimal 5087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

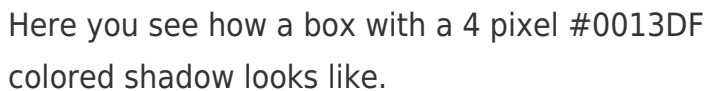
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0013DF }
```

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

```
.border{ border-color:#0013DF }
```

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



Here you see how a box with a 4 pixel #0013DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0013DF; -webkit-box-shadow:4px 4px  
4px 4px #0013DF; box-shadow:4px 4px 4px  
4px #0013DF }
```

# Background

The CSS property to change the background color of an element to Decimal 5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0013DF }
```

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

```
.background{ background-color:#0013DF }
```

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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