

Converting Colors

Decimal(4063)

Have a look what the booklet for
Decimal(4063) contains.

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Color

Decimal(4063)

Conversions

Conversions Part 1

Format	Color
Hex	000FDF
RGB	0, 15, 223
RGB Percent	0%, 6%, 87%
CMY	1.0000, 0.9412, 0.1255
CMYK	1.00, 0.93, 0.00, 0.13
HSL	236°, 100%, 44%
HSV	236°, 100%, 87%
XYZ	13.4901, 5.6694, 70.1953
YIQ	34.2270, -75.7080, 61.5080

Conversions

Conversions Part 2

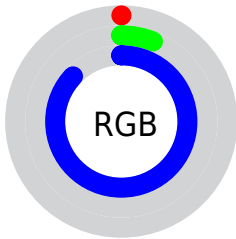
Format	Color
RYB	0, 14, 223
Decimal	4063
CIELab	28.56, 68.73, -95.94
CIELCh	29, 118.022, 305.618
Yxy	5.6694, 0.1510, 0.0634
Android (android.graphics.Color)	4278194143 (0xFF000FDF)
YUV	34.2270, 93.0651, -30.0171
Hunter-Lab	23.8104, 59.4633, -158.1251

Details

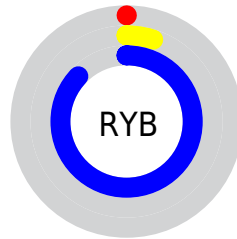
The Decimal color **4063** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **14667776**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **7358975**, and **166** is the 20% darker color. If you saturate the color by 10%, you get **4063**, and if you desaturate by 10%, it is **1451231**.

Distribution



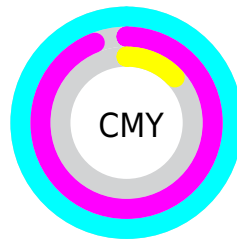
- Red (0%)
- Green (6%)
- Blue (87%)



- Red (0%)
- Yellow (5%)
- Blue (87%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (13%)






















- Cyan (100%)
- Magenta (94%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4063 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 4063 by changing the saturation by 10% instead.

 4063	 4063
 16777215	 194
 7358975	 166
 9593855	 138
 11763455	 1648
 13867519	 3158
 15971839	 1598
 16765439	 807
 16772863	 272
	 0

- 4063
- 1451231
- 2963935
- 4410847
- 5858015
- 7370719
- 8817887
- 10265055
- 11711967
- 13224671

Harmonies

Analogous

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



21503



4063



11600017

Triad

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



4063



9112320



23892

Complementary

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



4063



14667776

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.



23040



4063



4474624

Square

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



4063



12320768



22016



24752

Rectangle

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



4063



13369430



22016



23603

Sweetspot

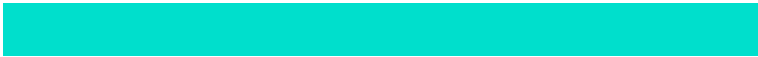
The Sweet Spot groups the original color and five complimentary colors.



4063



11778303



57292



5395840



0



8421504

Same Dimension

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



4063



4607



6095071



6645360



3248



816

Inverse Universe

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



14614543



16711697



8576768



7365990



11534348



3145731

Previews

White Background



This preview shows how the Decimal color 4063 looks on a white background.

Color Contrast Check

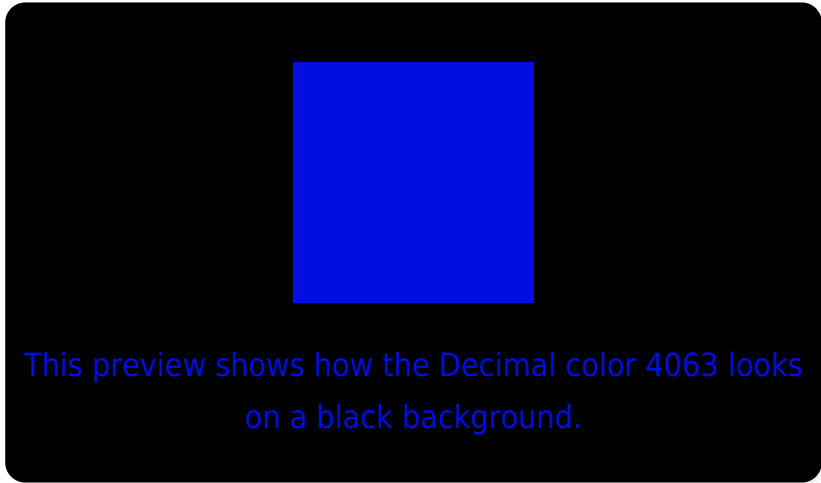
Large Text (above 18pt) WCAG AA ✓ Pass

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

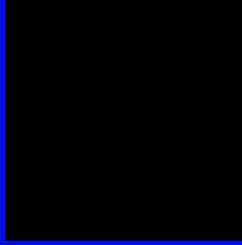
Any Text WCAG AA × Fail

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 4063 Background



This preview shows how black text looks on a background with the Decimal color 4063.

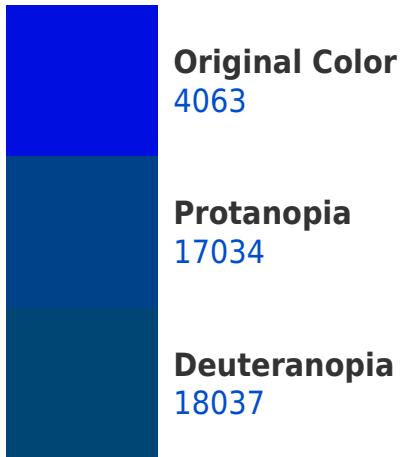


This preview shows how white text looks on a background with the Decimal color 4063.

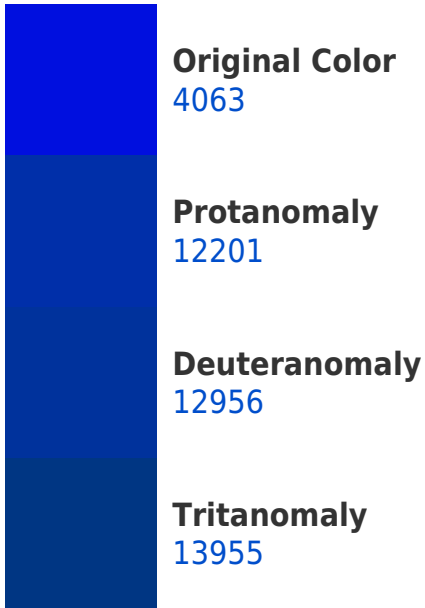
Color Blindness Simulation

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](#).

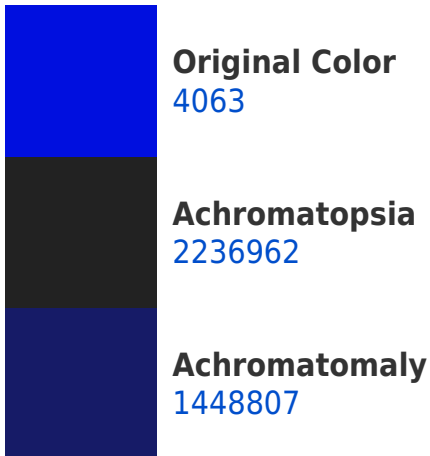
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4063 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 #000FDF looks like.

```
.text, #text, p{  
    color:#000FDF  
}
```

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 #000FDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000FDF
}
```

Border

The CSS property to change the border of an element to Decimal 4063 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
#000FDF }
```

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

```
.border{ border-color:#000FDF }
```

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

Here you see how a box with a 4 pixel #000FDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000FDF; -webkit-box-shadow:4px 4px  
4px 4px #000FDF; box-shadow:4px 4px 4px  
4px #000FDF }
```

Background

The CSS property to change the background color of an element to Decimal 4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000FDF }
```

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

```
.background{ background-color:#000FDF }
```

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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