

Converting Colors

Decimal(4071)

Have a look what the booklet for
Decimal(4071) contains.

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Color

Decimal(4071)

Conversions

Conversions Part 1

Format	Color
Hex	000FE7
RGB	0, 15, 231
RGB Percent	0%, 6%, 91%
CMY	1.0000, 0.9412, 0.0941
CMYK	1.00, 0.94, 0.00, 0.09
HSL	236°, 100%, 45%
HSV	236°, 100%, 91%
XYZ	14.5946, 6.1112, 76.0117
YIQ	35.1390, -78.2760, 63.9960

Conversions

Conversions Part 2

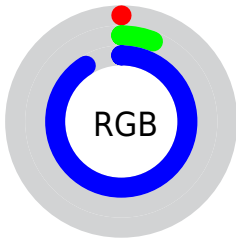
Format	Color
RYB	0, 14, 231
Decimal	4071
CIELab	29.69, 70.80, -98.64
CIELCh	30, 121.421, 305.669
Yxy	6.1112, 0.1509, 0.0632
Android (android.graphics.Color)	4278194151 (0xFF000FE7)
YUV	35.1390, 96.5595, -30.8169
Hunter-Lab	24.7208, 62.1213, -165.0008

Details

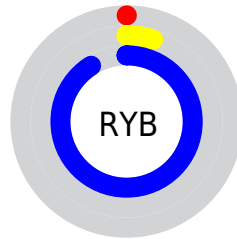
The Decimal color **4071** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **15194112**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **7490303**, and **173** is the 20% darker color. If you saturate the color by 10%, you get **4071**, and if you desaturate by 10%, it is **1517031**.

Distribution



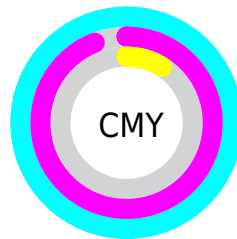
- Red (0%)
- Green (6%)
- Blue (91%)



- Red (0%)
- Yellow (5%)
- Blue (91%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (9%)






















- Cyan (100%)
- Magenta (94%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4071 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 4071 by changing the saturation by 10% instead.

 4071	 4071
 16777215	 202
 7490303	 173
 9790719	 146
 11960319	 887
 14064383	 3677
 16234239	 2116
 16765951	 813
 16773375	 279
	 0

- 4071
- 1517031
- 3029735
- 4542695
- 6055399
- 7633895
- 9146855
- 10659559
- 12172519
- 13685223

Harmonies

Analogous

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



22271



4071



12058775

Triad

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



4071



9440256



24663

Complementary

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



4071



15194112

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.



23808



4071



4606464

Square

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



4071



12713984



22784



25782

Rectangle

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



4071



13828185



22784



24373

Sweetspot

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



4071



11778047



59352



5395840



0



8421504

Same Dimension

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



4071



4607



6553831



6776947



3251



819

Inverse Universe

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



15138831



16711697



8644352



7563112



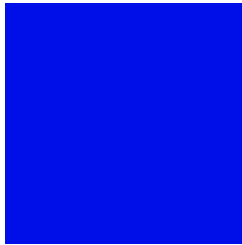
11730956



3342339

Previews

White Background



This preview shows how the Decimal color 4071 looks on a white background.

Color Contrast Check

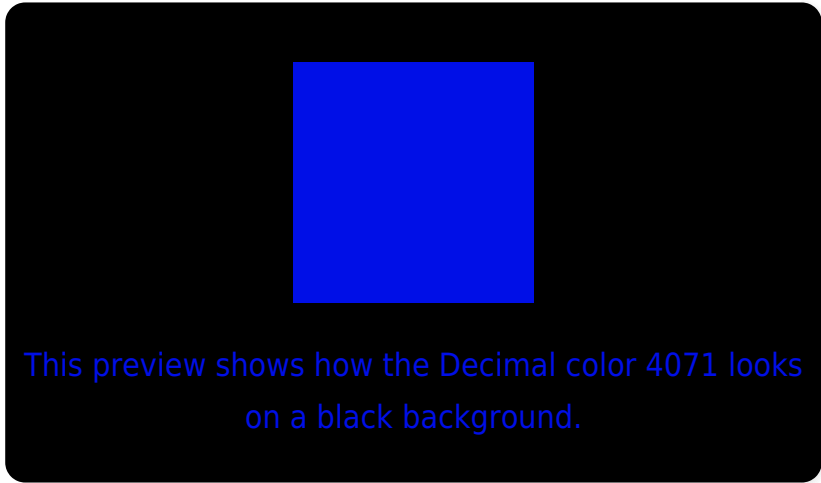
Large Text (above 18pt) WCAG AA ✓ Pass

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 4071 Background



This preview shows how black text looks on a background with the Decimal color 4071.

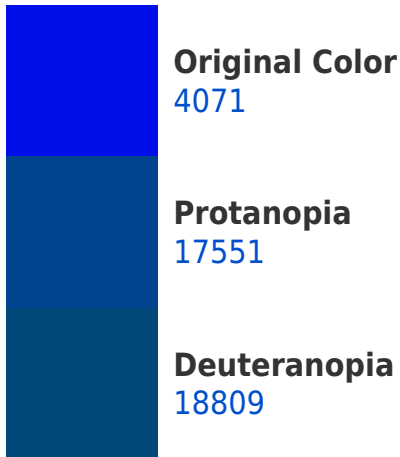


This preview shows how white text looks on a background with the Decimal color 4071.

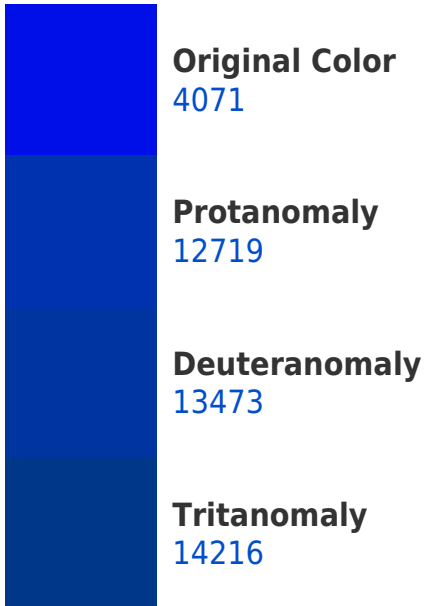
Color Blindness Simulation

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](#).

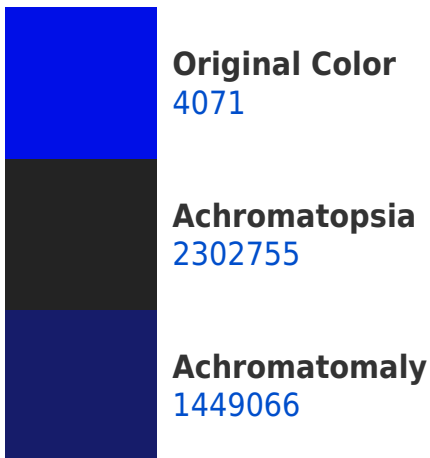
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4071 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 #000FE7 looks like.

```
.text, #text, p{  
    color:#000FE7  
}
```

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 #000FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000FE7
}
```

Border

The CSS property to change the border of an element to Decimal 4071 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
#000FE7 }
```

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

```
.border{ border-color:#000FE7 }
```

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

Here you see how a box with a 4 pixel #000FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000FE7; -webkit-box-shadow:4px 4px  
4px 4px #000FE7; box-shadow:4px 4px 4px  
4px #000FE7 }
```

Background

The CSS property to change the background color of an element to Decimal 4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000FE7 }
```

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

```
.background{ background-color:#000FE7 }
```

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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