

Converting Colors

Decimal(1270)

Have a look what the booklet for
Decimal(1270) contains.

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Color

Decimal(1270)

Conversions

Conversions Part 1

Format	Color
Hex	0004F6
RGB	0, 4, 246
RGB Percent	0%, 2%, 96%
CMY	1.0000, 0.9843, 0.0353
CMYK	1.00, 0.98, 0.00, 0.04
HSL	239°, 100%, 48%
HSV	239°, 100%, 96%
XYZ	16.6780, 6.7407, 87.6108
YIQ	30.3920, -80.0660, 74.4140

Conversions

Conversions Part 2

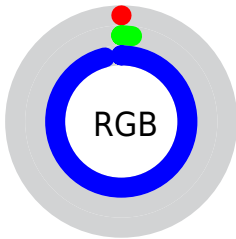
Format	Color
R _{YB}	0, 4, 246
Decimal	1270
CIE Lab	31.21, 76.44, -104.63
CIE LCh	31, 129.573, 306.150
Yxy	6.7407, 0.1502, 0.0607
Android (android.graphics.Color)	4278191350 (0xFF0004F6)
YUV	30.3920, 106.2947, -26.6538
Hunter-Lab	25.9628, 69.2300, -181.8989

Details

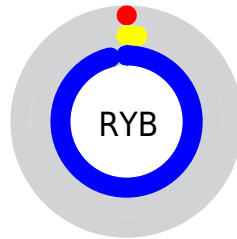
The Decimal color **1270** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **16183808**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **7817215**, and **188** is the 20% darker color. If you saturate the color by 10%, you get **1270**, and if you desaturate by 10%, it is **1645814**.

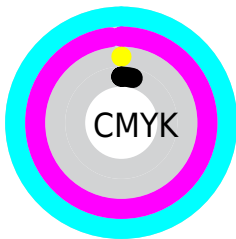
Distribution



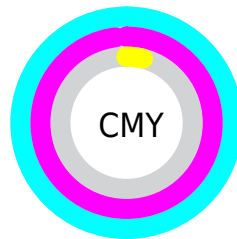
- Red (0%)
- Green (2%)
- Blue (96%)



- Red (0%)
- Yellow (2%)
- Blue (96%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (4%)






















- Cyan (100%)
- Magenta (98%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1270 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 1270 by changing the saturation by 10% instead.

 1270	 1270
 16777215	 217
 7817215	 188
 10118143	 160
 12353279	 132
 14523135	 4458
 16692991	 2640
 16765951	 1336
 16773375	 546
	 8

- 1270
- 1645814
- 3224822
- 4869622
- 6448630
- 8093174
- 9737718
- 11316726
- 12961526
- 14540534

Harmonies

Analogous

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



23295



1270



12910751

Triad

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



1270



9898496



25950

Complementary

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



1270



16183808

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.



25088



1270



4738560

Square

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



1270



13500416



24064



27076

Rectangle

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



1270



14745692



24064



25657

Sweetspot

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



1270



11777279



63218



5395072



0



8421504

Same Dimension

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



1270



1279



7799030



7237242



954



315

Inverse Universe

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



16121860



16711684



8386048



8023662



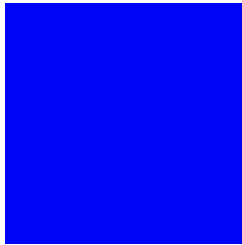
12189699



3866625

Previews

White Background



This preview shows how the Decimal color 1270 looks on a white background.

Color Contrast Check

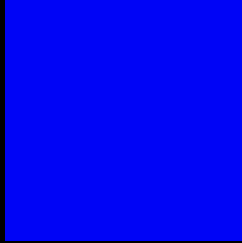
Large Text (above 18pt) WCAG AA ✓ Pass

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 1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

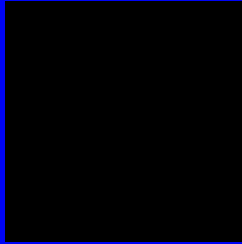
Any Text WCAG AA × Fail

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 1270 Background



This preview shows how black text looks on a background with the Decimal color 1270.

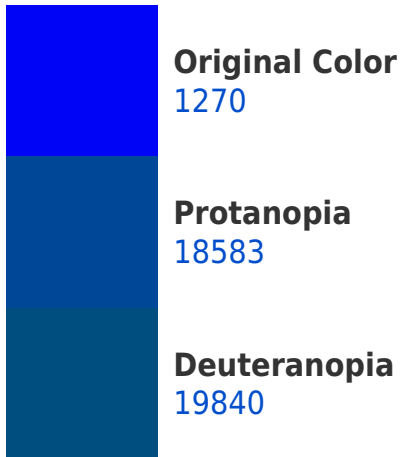


This preview shows how white text looks on a background with the Decimal color 1270.

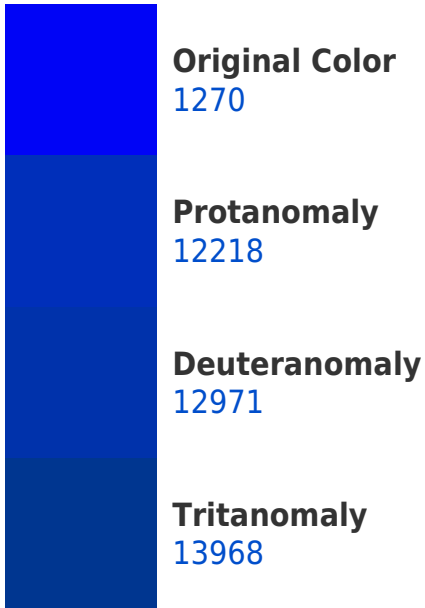
Color Blindness Simulation

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 1270 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 #0004F6 looks like.

```
.text, #text, p{  
    color:#0004F6  
}
```

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 #0004F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0004F6
}
```

Border

The CSS property to change the border of an element to Decimal 1270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

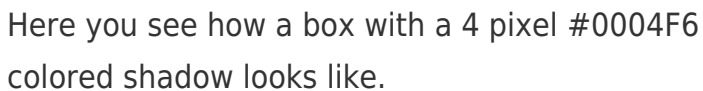
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0004F6 }
```

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

```
.border{ border-color:#0004F6 }
```

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



Here you see how a box with a 4 pixel #0004F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0004F6; -webkit-box-shadow:4px 4px  
4px 4px #0004F6; box-shadow:4px 4px 4px  
4px #0004F6 }
```

Background

The CSS property to change the background color of an element to Decimal 1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0004F6 }
```

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

```
.background{ background-color:#0004F6 }
```

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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