

Converting Colors

Decimal(4863)

Have a look what the booklet for
Decimal(4863) contains.

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Color

Decimal(4863)

Conversions

Conversions Part 1

Format	Color
Hex	0012FF
RGB	0, 18, 255
RGB Percent	0%, 7%, 100%
CMY	1.0000, 0.9294, 0.0000
CMYK	1.00, 0.93, 0.00, 0.00
HSL	236°, 100%, 50%
HSV	236°, 100%, 100%
XYZ	18.2663, 7.6526, 95.1221
YIQ	39.6360, -86.8050, 69.8910

Conversions

Conversions Part 2

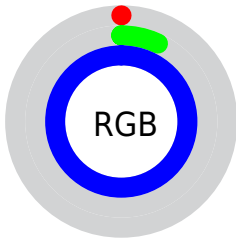
Format	Color
RYB	0, 17, 255
Decimal	4863
CIELab	33.25, 76.26, -106.28
CIELCh	33, 130.811, 305.661
Yxy	7.6526, 0.1509, 0.0632
Android (android.graphics.Color)	4278194943 (0xFF0012FF)
YUV	39.6360, 106.1745, -34.7608
Hunter-Lab	27.6634, 69.4539, -184.5079

Details

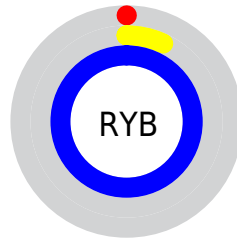
The Decimal color **4863** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **16772352**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7950079**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **4863**, and if you desaturate by 10%, it is **1649407**.

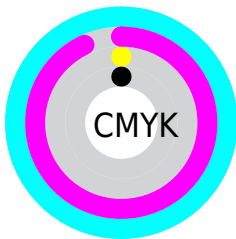
Distribution



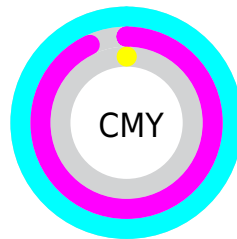
- Red (0%)
- Green (7%)
- Blue (100%)



- Red (0%)
- Yellow (7%)
- Blue (100%)



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






















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

Brightness & Saturation Gradients

These gradients show how the Decimal color 4863 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 4863 by changing the saturation by 10% instead.

 4863	 4863
 16777215	 225
 7950079	 196
 10316287	 168
 12551423	 140
 14721279	 4465
 16760063	 3160
 16767487	 1855
 16774911	 809
	 274

- 4863
- 1649407
- 3359231
- 5069311
- 6713855
- 8423679
- 10068223
- 11778303
- 13422847
- 15132671

Harmonies

Analogous

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



24575



4863



13303975

Triad

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



4863



10424064



27489

Complementary

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



4863



16772352

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.



26624



4863



5198336

Square

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



4863



14090240



25344



28617

Rectangle

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



4863



15269987



25344



27196

Sweetspot

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



4863



11778303



65514



5395840



0



8421504

Same Dimension

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



4863



6947071



7566464



3519



1088

Inverse Universe

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



16711698



9830144



8418164



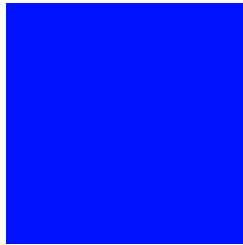
12517390



4194309

Previews

White Background



This preview shows how the Decimal color 4863 looks on a white background.

Color Contrast Check

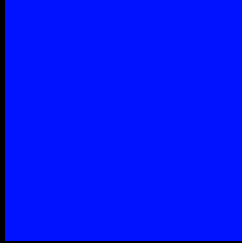
Large Text (above 18pt) WCAG AA ✓ Pass

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 4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

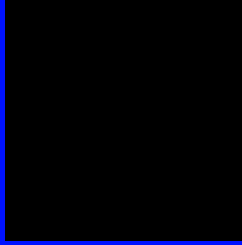
Any Text WCAG AA × Fail

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 4863 Background



This preview shows how black text looks on a background with the Decimal color 4863.

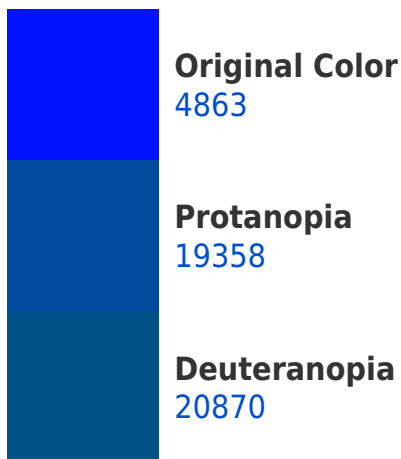


This preview shows how white text looks on a background with the Decimal color 4863.

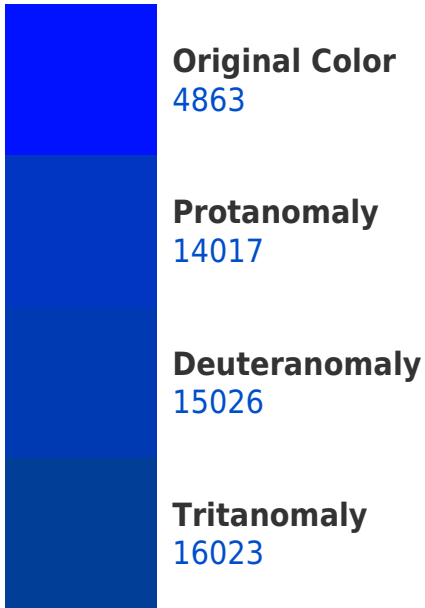
Color Blindness Simulation

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 4863 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 #0012FF looks like.

```
.text, #text, p{  
  color:#0012FF  
}
```

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 #0012FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0012FF
}
```

Border

The CSS property to change the border of an element to Decimal 4863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

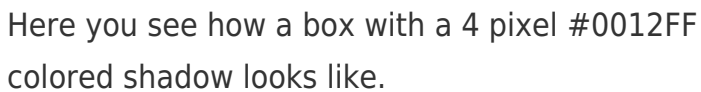
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0012FF }
```

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

```
.border{ border-color:#0012FF }
```

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



Here you see how a box with a 4 pixel #0012FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0012FF; -webkit-box-shadow:4px 4px  
4px 4px #0012FF; box-shadow:4px 4px 4px  
4px #0012FF }
```

Background

The CSS property to change the background color of an element to Decimal 4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0012FF }
```

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

```
.background{ background-color:#0012FF }
```

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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