

Converting Colors

Decimal(11248)

Have a look what the booklet for
Decimal(11248) contains.

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Color

Decimal(11248)

Conversions

Conversions Part 1

Format	Color
Hex	002BF0
RGB	0, 43, 240
RGB Percent	0%, 17%, 94%
CMY	1.0000, 0.8314, 0.0588
CMYK	1.00, 0.82, 0.00, 0.06
HSL	229°, 100%, 47%
HSV	229°, 100%, 94%
XYZ	16.5921, 8.0190, 83.1114
YIQ	52.6010, -88.8650, 52.1510

Conversions

Conversions Part 2

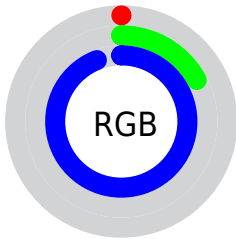
Format	Color
RYB	0, 36, 240
Decimal	11248
CIELab	34.02, 63.83, -96.53
CIELCh	34, 115.728, 303.472
Yxy	8.0190, 0.1540, 0.0744
Android (android.graphics.Color)	4278201328 (0xFF002BF0)
YUV	52.6010, 92.3877, -46.1311
Hunter-Lab	28.3179, 55.0307, -154.1903

Details

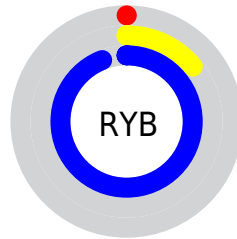
The Decimal color **11248** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **15779072**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **7560703**, and **182** is the 20% darker color. If you saturate the color by 10%, you get **11248**, and if you desaturate by 10%, it is **1589232**.

Distribution



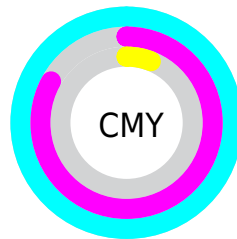
- Red (0%)
- Green (17%)
- Blue (94%)



- Red (0%)
- Yellow (14%)
- Blue (94%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (6%)





















- Cyan (100%)
- Magenta (83%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11248 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 11248 by changing the saturation by 10% instead.

 11248	 11248
 16777215	 4563
 7560703	 182
 9861119	 154
 12030719	 127
 14134783	 4197
 16304639	 2380
 16770815	 1076
	 542
	 0

■ 11248

■ 1589232

■ 3166960

■ 4744944

■ 6322928

■ 7900912

■ 9478640

■ 11056624

■ 12634608

■ 14212336

Harmonies

Analogous

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



24575



11248



12255397

Triad

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



11248



10426624



27481

Complementary

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



11248



15779072

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.



26880



11248



5853696

Square

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



11248



13565952



25344



28342

Rectangle

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



11248



14286953



25344



27193

Sweetspot

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



11248



11780351



61636



5397120



0



8421504

Same Dimension

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



11248



12031



4980976



7106168



8632



2616

Inverse Universe

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



15728683



16711726



10809344



7892078



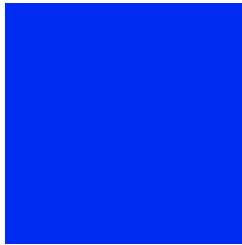
12058657



3670026

Previews

White Background



This preview shows how the Decimal color 11248 looks on a white background.

Color Contrast Check

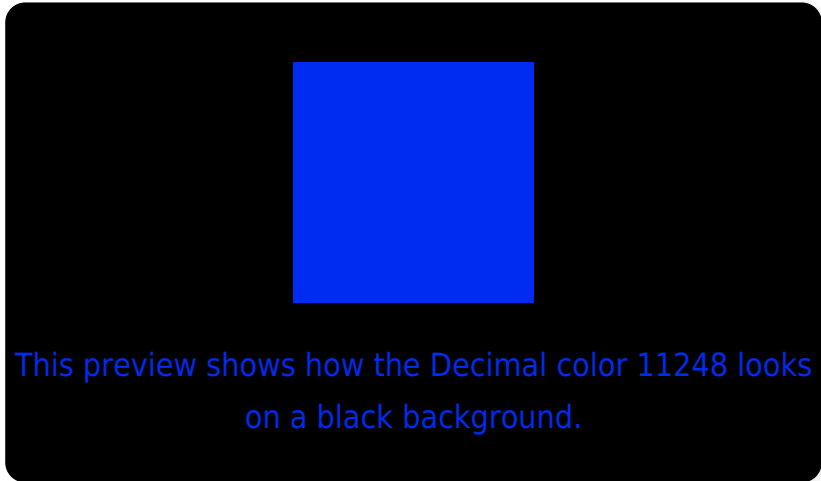
Large Text (above 18pt) WCAG AA ✓ Pass

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 11248 Background



This preview shows how black text looks on a background with the Decimal color 11248.

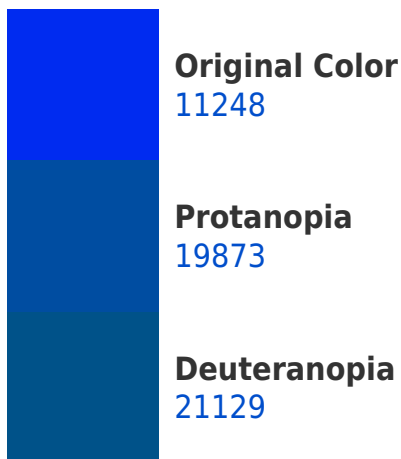


This preview shows how white text looks on a background with the Decimal color 11248.

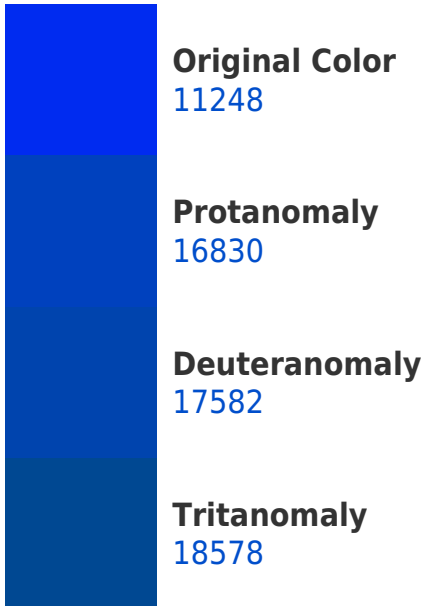
Color Blindness Simulation

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](#).

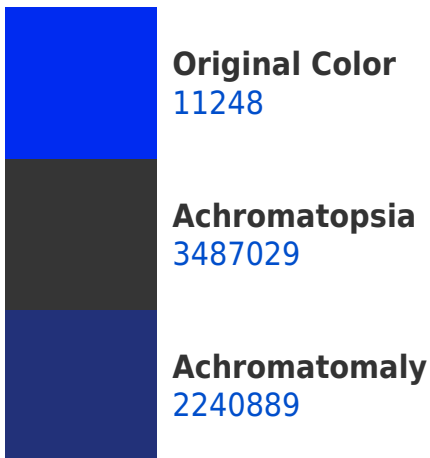
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11248 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 #002BF0 looks like.

```
.text, #text, p{  
    color:#002BF0  
}
```

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 #002BF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002BF0
}
```

Border

The CSS property to change the border of an element to Decimal 11248 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
#002BF0 }
```

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

```
.border{ border-color:#002BF0 }
```

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

Here you see how a box with a 4 pixel #002BF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002BF0; -webkit-box-shadow:4px 4px  
4px 4px #002BF0; box-shadow:4px 4px 4px  
4px #002BF0 }
```

Background

The CSS property to change the background color of an element to Decimal 11248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002BF0 }
```

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

```
.background{ background-color:#002BF0 }
```

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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