

Converting Colors

Decimal(247)

Have a look what the booklet for
Decimal(247) contains.

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Color

Decimal(247)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0000F7 |
| RGB | 0, 0, 247 |
| RGB Percent | 0%, 0%, 97% |
| CMY | 1.0000, 1.0000, 0.0314 |
| CMYK | 1.00, 1.00, 0.00, 0.03 |
| HSL | 240°, 100%, 48% |
| HSV | 240°, 100%, 97% |
| XYZ | 16.7885, 6.7154, 88.4070 |
| YIQ | 28.1580, -79.2870, 76.8170 |

Conversions

Conversions Part 2

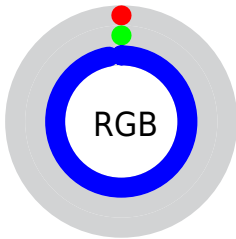
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 0, 247 |
| Decimal | 247 |
| CIELab | 31.15, 77.31, -105.29 |
| CIELCh | 31, 130.623, 306.287 |
| Yxy | 6.7154, 0.1500, 0.0600 |
| Android (android.graphics.Color) | 4278190327 (0xFF0000F7) |
| YUV | 28.1580, 107.8891, -24.6946 |
| Hunter-Lab | 25.9141, 70.2920, -184.1305 |

Details

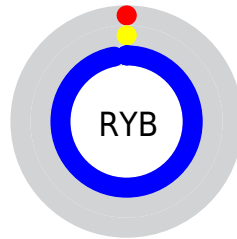
The Decimal color **247** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **16250624**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **7816959**, and **189** is the 20% darker color. If you saturate the color by 10%, you get **247**, and if you desaturate by 10%, it is **1645047**.

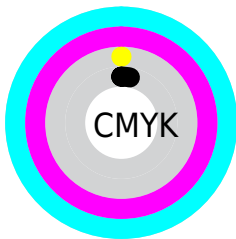
Distribution



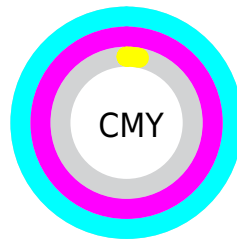
- Red (0%)
- Green (0%)
- Blue (97%)



- Red (0%)
- Yellow (0%)
- Blue (97%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (100%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 247 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 247 by changing the saturation by 10% instead.

 247  247

16777215  218

 7816959  189

 10183423  161

 12353023  133

 14588415  4458

 16692735  2897

 16765695  1337

 16773119  547

 9

- 247
- 1645047
- 3224055
- 4868855
- 6513655
- 8158455
- 9737463
- 11382263
- 13027063
- 14606071

Harmonies

Analogous

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



23295



247



12976287

Triad

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



247



9898240



25950

Complementary

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



247



16250624

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



247



4673024

Square

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



247



13500416



24064



27077

Rectangle

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



247



14811228



24064



25658

Sweetspot

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



247



11777023



63479



5395072



0



8421504

Same Dimension

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



247



255



8126711



7237242



186



59

Inverse Universe

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



16187639



16711935



8189696



8023674



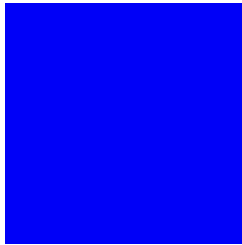
12189882



3866683

Previews

White Background



This preview shows how the Decimal color 247 looks on a white background.

Color Contrast Check

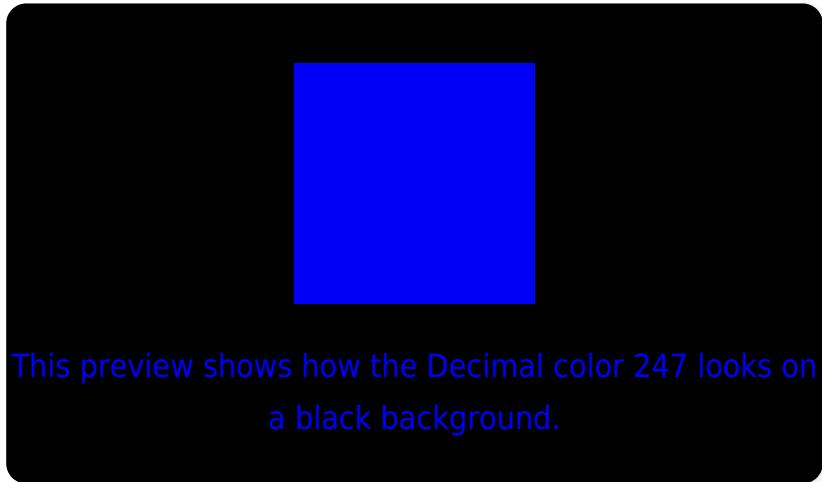
Large Text (above 18pt) WCAG AA ✓ Pass

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

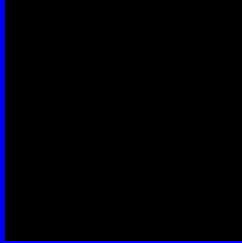
Any Text WCAG AA × Fail

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 247 Background



This preview shows how black text looks on a background with the Decimal color 247.

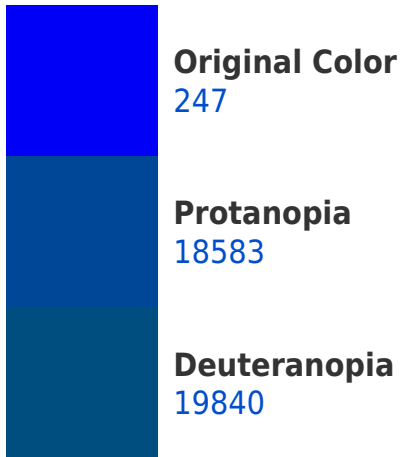


This preview shows how white text looks on a background with the Decimal color 247.

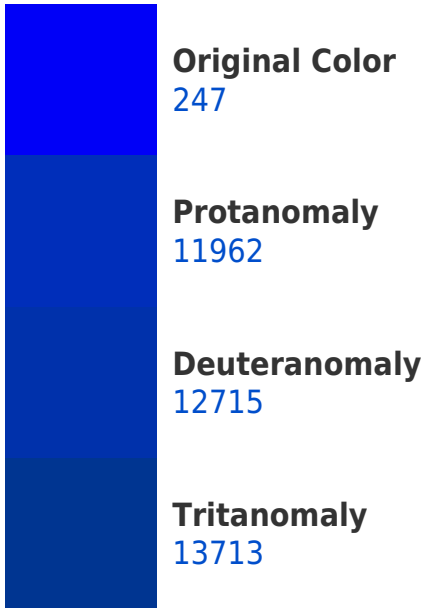
Color Blindness Simulation

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](#).

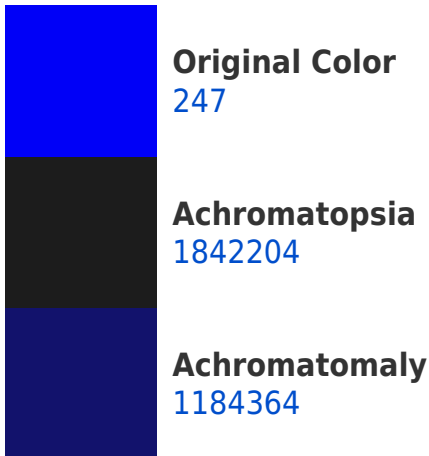
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 247 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 #0000F7 looks like.

```
.text, #text, p{  
    color:#0000F7  
}
```

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 #0000F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000F7
}
```

Border

The CSS property to change the border of an element to Decimal 247 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
#0000F7 }
```

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

```
.border{ border-color:#0000F7 }
```

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

Here you see how a box with a 4 pixel #0000F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000F7; -webkit-box-shadow:4px 4px  
4px 4px #0000F7; box-shadow:4px 4px 4px  
4px #0000F7 }
```

Background

The CSS property to change the background color of an element to Decimal 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000F7 }
```

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

```
.background{ background-color:#0000F7 }
```

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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