

Converting Colors

Decimal(5369)

Have a look what the booklet for
Decimal(5369) contains.

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Color

Decimal(5369)

Conversions

Conversions Part 1

Format	Color
Hex	0014F9
RGB	0, 20, 249
RGB Percent	0%, 8%, 98%
CMY	1.0000, 0.9216, 0.0235
CMYK	1.00, 0.92, 0.00, 0.02
HSL	235°, 100%, 49%
HSV	235°, 100%, 98%
XYZ	17.3490, 7.3399, 90.1249
YIQ	40.1260, -85.4290, 66.9790

Conversions

Conversions Part 2

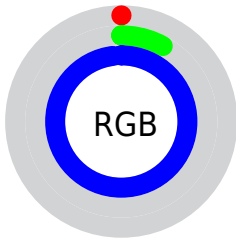
Format	Color
RYB	0, 19, 249
Decimal	5369
CIELab	32.57, 74.28, -104.05
CIElCh	33, 127.840, 305.524
Yxy	7.3399, 0.1511, 0.0639
Android (android.graphics.Color)	4278195449 (0xFF0014F9)
YUV	40.1260, 102.9749, -35.1905
Hunter-Lab	27.0922, 66.8948, -178.2696

Details

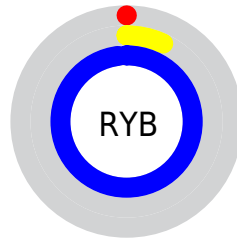
The Decimal color **5369** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **16377088**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7819007**, and **191** is the 20% darker color. If you saturate the color by 10%, you get **5369**, and if you desaturate by 10%, it is **1649657**.

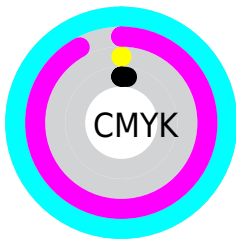
Distribution



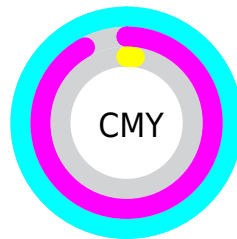
- Red (0%)
- Green (8%)
- Blue (98%)



- Red (0%)
- Yellow (7%)
- Blue (98%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (2%)





















- Cyan (100%)
- Magenta (92%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5369 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 5369 by changing the saturation by 10% instead.

 5369	 5369
16777215	 219
 7819007	 191
 10119679	 162
 12354815	 135
 14524671	 4716
 16694527	 2899
 16767487	 1595
 16774911	 548
	 12

- 5369
- 1649657
- 3293945
- 4938233
- 6582521
- 8226809
- 9805305
- 11449593
- 13093881
- 14738169

Harmonies

Analogous

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



24063



5369



12976291

Triad

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



5369



10227456



26718

Complementary

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



5369



16377088

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.



26112



5369



5132544

Square

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



5369



13762560



24832



27844

Rectangle

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



5369



14942305



24832



26426

Sweetspot

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



5369



11778559



63972



5395840



0



8421504

Same Dimension

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



5369



5375



6815993



7369085



4029



1341

Inverse Universe

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



16318484



16711700



9566464



8220785



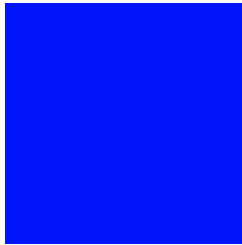
12386319



3997701

Previews

White Background



This preview shows how the Decimal color 5369 looks on a white background.

Color Contrast Check

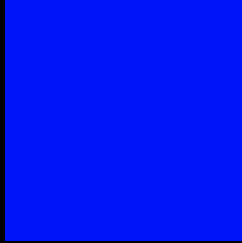
Large Text (above 18pt) WCAG AA ✓ Pass

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 5369 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 5369 Background



This preview shows how black text looks on a background with the Decimal color 5369.

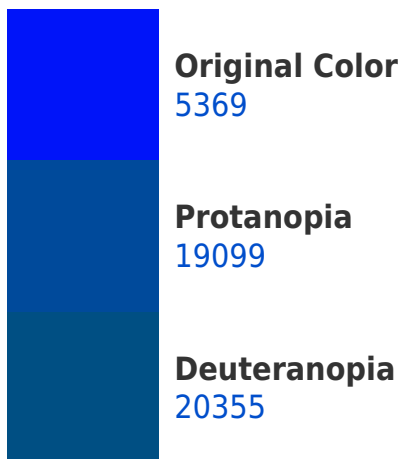


This preview shows how white text looks on a background with the Decimal color 5369.

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



Original Color
5369

Protanomaly
14013

Deuteranomaly
15022

Monochromacy



Original Color
5369

Achromatopsia
2631720

Achromatomaly
1646964

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5369 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 #0014F9 looks like.

```
.text, #text, p{  
    color:#0014F9  
}
```

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 #0014F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0014F9
}
```

Border

The CSS property to change the border of an element to Decimal 5369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

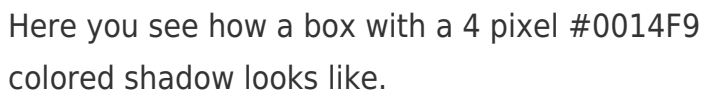
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0014F9 }
```

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

```
.border{ border-color:#0014F9 }
```

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



Here you see how a box with a 4 pixel #0014F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0014F9; -webkit-box-shadow:4px 4px  
4px 4px #0014F9; box-shadow:4px 4px 4px  
4px #0014F9 }
```

Background

The CSS property to change the background color of an element to Decimal 5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0014F9 }
```

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

```
.background{ background-color:#0014F9 }
```

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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