

# Converting Colors

Decimal(5365)

Have a look what the booklet for  
Decimal(5365) contains.

<b>Decimal(5365)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5365)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0014F5
RGB	0, 20, 245
RGB Percent	0%, 8%, 96%
CMY	1.0000, 0.9216, 0.0392
CMYK	1.00, 0.92, 0.00, 0.04
HSL	235°, 100%, 48%
HSV	235°, 100%, 96%
XYZ	16.7316, 7.0929, 86.8734
YIQ	39.6700, -84.1450, 65.7350

# Conversions

## Conversions Part 2

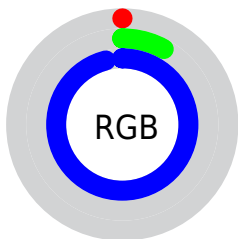
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 18, 245
Decimal	5365
CIE <sub>Lab</sub>	32.02, 73.25, -102.71
CIE <sub>LCh</sub>	32, 126.154, 305.496
Y <sub>xy</sub>	7.0929, 0.1511, 0.0641
Android (android.graphics.Color)	4278195445 (0xFF0014F5)
Y <sub>UV</sub>	39.6700, 101.2277, -34.7906
Hunter-Lab	26.6325, 65.5340, -174.7575

# Details

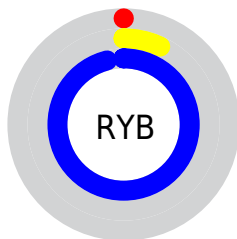
The Decimal color **5365** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **16113920**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7753471**, and **187** is the 20% darker color. If you saturate the color by 10%, you get **5365**, and if you desaturate by 10%, it is **1583861**.

# Distribution



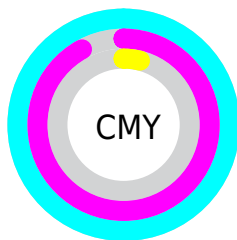
- Red (0%)
- Green (8%)
- Blue (96%)



- Red (0%)
- Yellow (7%)
- Blue (96%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)






















- Cyan (100%)
- Magenta (92%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5365 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 5365 by changing the saturation by 10% instead.



 5365	 5365
 16777215	 216
 7753471	 187
 10054143	 159
 12289279	 131
 14458879	 4457
 16563199	 2640
 16767231	 1336
 16774655	 545
	 7

- 5365
- 1583861
- 3228149
- 4872181
- 6450933
- 8094965
- 9673717
- 11252469
- 12896501
- 14540789

# Harmonies

## Analogous

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



23807



5365



12779681

# Triad

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



5365



10030848



26461

# Complementary

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



5365



16113920

# 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.



25600



5365



5066496

# Square

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



5365



13565952



24320



27585

# Rectangle

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



5365



14680160



24320



26169



# Sweetspot

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



5365



11778559



62945



5395840



0



8421504



# Same Dimension

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



5365



5631



6684917



7237498



4026



1339



# Inverse Universe

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



16056340



16711701



9434368



8023663



12189711

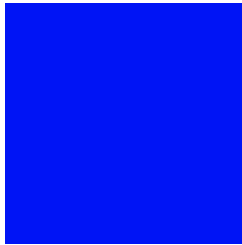


3866629



# Previews

## White Background



This preview shows how the Decimal color 5365 looks on a white background.

## Color Contrast Check

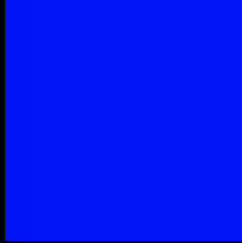
Large Text (above 18pt) WCAG AA ✓ Pass

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 5365 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 5365 Background



This preview shows how black text looks on a background with the Decimal color 5365.

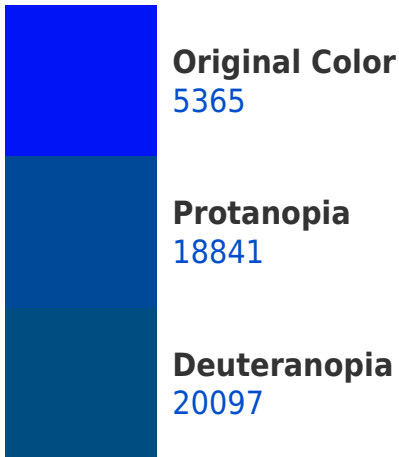


This preview shows how white text looks on a background with the Decimal color 5365.

# Color Blindness Simulation

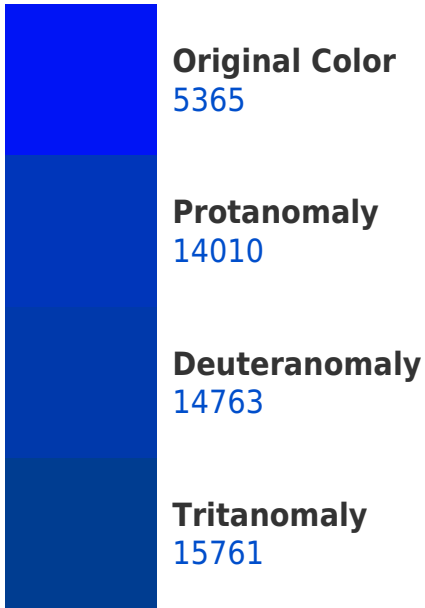
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5365 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 #0014F5 looks like.

```
.text, #text, p{  
    color:#0014F5  
}
```

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 #0014F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0014F5
}
```

## Border

The CSS property to change the border of an element to Decimal 5365 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
#0014F5 }
```

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

```
.border{ border-color:#0014F5 }
```

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

Here you see how a box with a 4 pixel #0014F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0014F5; -webkit-box-shadow:4px 4px  
4px 4px #0014F5; box-shadow:4px 4px 4px  
4px #0014F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0014F5 }
```

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

```
.background{ background-color:#0014F5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor