

# Converting Colors

Decimal(5464305)

Have a look what the booklet for  
Decimal(5464305) contains.

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# Color

**Decimal(5464305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5360F1
RGB	83, 96, 241
RGB Percent	33%, 38%, 95%
CMY	0.6745, 0.6235, 0.0549
CMYK	0.66, 0.60, 0.00, 0.05
HSL	235°, 85%, 64%
HSV	235°, 66%, 95%
XYZ	23.6273, 16.5556, 85.1693
YIQ	108.6430, -54.2930, 42.3390

# Conversions

## Conversions Part 2

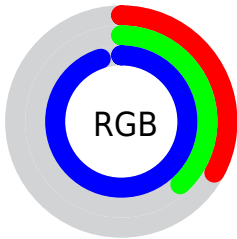
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 95, 241
Decimal	5464305
CIE Lab	47.70, 39.84, -74.46
CIE LCh	48, 84.445, 298.148
Yxy	16.5556, 0.1885, 0.1321
Android (android.graphics.Color)	4283654385 (0xFF5360F1)
YUV	108.6430, 65.2520, -22.4889
Hunter-Lab	40.6886, 32.4476, -95.6238

# Details

The Decimal color **5464305** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **15852627**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **9737215**, and **12984** is the 20% darker color. If you saturate the color by 10%, you get **3885809**, and if you desaturate by 10%, it is **7042801**.

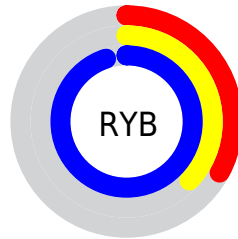
# Distribution



Red (33%)

Green (38%)

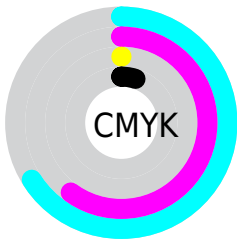
Blue (95%)



Red (33%)

Yellow (37%)

Blue (95%)

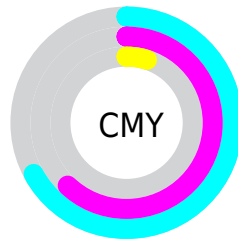


Cyan (66%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (62%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5464305 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 5464305 by changing the saturation by 10% instead.



■ 5464305

■ 5464305

16777215

■ 2771156

■ 9737215

■ 12984

■ 11775487

■ 7580

■ 13814271

■ 3201

■ 15853055

■ 103

■ 2638

■ 1334

■ 544

■ 4

■ 5464305

■ 5464305

■ 3885809

■ 7042801

■ 2307313

■ 8621297

■ 728817

■ 10199793

■ 5361

■ 11778289

■ 13357041

■ 15001073

■ 16579569

■ 16777201

# Harmonies

## Analogous

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



32255



5464305



12528830

# Triad

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



5464305



12733440



36203

# Complementary

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



5464305



15852627

# 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.



35097



5464305



9334016

# Square

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



5464305



14876723



4620288



36531

# Rectangle

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



5464305



14549137



4620288



35921



# Sweetspot

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



5464305



13422847



5501412



6382464



0



8421504



# Same Dimension

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



5464305



3557119



9786353



7105912



4024



1336



# Inverse Universe

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



15815520



16725574



11530579



7892077



12058639

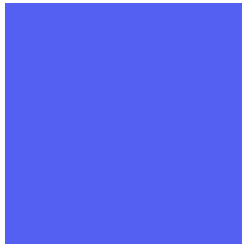


3670021



# Previews

## White Background



This preview shows how the Decimal color 5464305 looks on a white background.

## Color Contrast Check

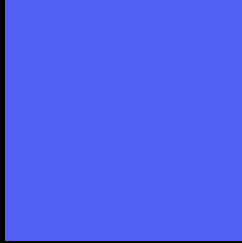
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5464305 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

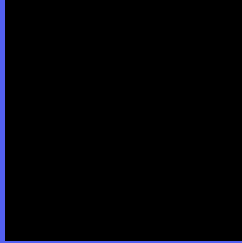
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5464305 Background



This preview shows how black text looks on a background with the Decimal color 5464305.

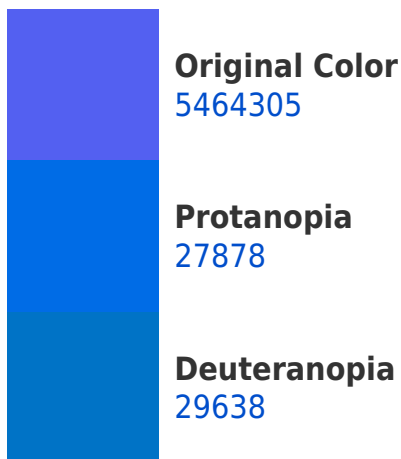


This preview shows how white text looks on a background with the Decimal color 5464305.

# 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





**Tritanopia**  
32135

# Trichromacy



**Original Color**  
5464305

**Protanomaly**  
1992938

**Deuteranomaly**  
1993942

**Tritanomaly**  
1995438

# Monochromacy



**Original Color**  
5464305

**Achromatopsia**  
7171437

**Achromatomaly**  
6580381

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5464305 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 #5360F1 looks like.

```
.text, #text, p{  
  color:#5360F1  
}
```

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 #5360F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5360F1
}
```

## Border

The CSS property to change the border of an element to Decimal 5464305 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
#5360F1 }
```

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

```
.border{ border-color:#5360F1 }
```

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

Here you see how a box with a 4 pixel #5360F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5360F1; -webkit-box-shadow:4px 4px  
4px 4px #5360F1; box-shadow:4px 4px 4px  
4px #5360F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5464305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5360F1 }
```

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

```
.background{ background-color:#5360F1 }
```

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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