

# Converting Colors

Decimal(5267193)

Have a look what the booklet for  
Decimal(5267193) contains.

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# Color

**Decimal(5267193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	505EF9
RGB	80, 94, 249
RGB Percent	31%, 37%, 98%
CMY	0.6863, 0.6314, 0.0235
CMYK	0.68, 0.62, 0.00, 0.02
HSL	235°, 93%, 65%
HSV	235°, 68%, 98%
XYZ	24.4099, 16.5504, 91.5305
YIQ	107.4840, -58.0990, 45.2370

# Conversions

## Conversions Part 2

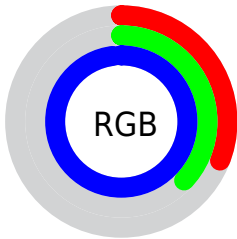
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 93, 249
Decimal	5267193
CIE <sub>Lab</sub>	47.69, 43.30, -78.95
CIE <sub>LCh</sub>	48, 90.041, 298.743
Yxy	16.5504, 0.1842, 0.1249
Android (android.graphics.Color)	4283457273 (0xFF505EF9)
YUV	107.4840, 69.7674, -24.1035
Hunter-Lab	40.6822, 35.9084, -104.9184

# Details

The Decimal color **5267193** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **16378704**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9671167**, and **12479** is the 20% darker color. If you saturate the color by 10%, you get **3622905**, and if you desaturate by 10%, it is **6911481**.

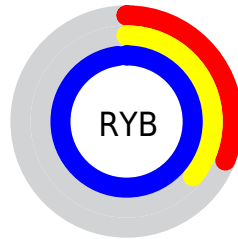
# Distribution



Red (31%)

Green (37%)

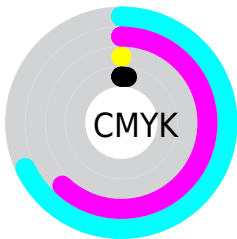
Blue (98%)



Red (31%)

Yellow (36%)

Blue (98%)

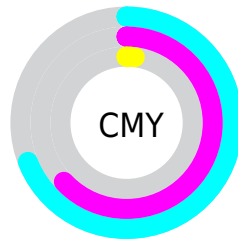


Cyan (68%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (69%)

Magenta (63%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5267193 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 5267193 by changing the saturation by 10% instead.



■ 5267193

■ 5267193

16777215

■ 2246364

■ 9671167

■ 12479

■ 11774975

■ 7075

■ 13813759

■ 2696

■ 15852543

■ 110

■ 2900

■ 1596

■ 549

■ 270

■ 5267193

■ 5267193

■ 3622905

■ 6911481

■ 1978617

■ 8555769

■ 334329

■ 10200057

■ 5625

■ 11844089

■ 13422841

■ 15067129

■ 16711417

■ 16777209

# Harmonies

## Analogous

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



32255



5267193



12918209

# Triad

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



5267193



12929280



36460

# Complementary

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



5267193



16378704

# 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.



35345



5267193



9268736

# Square

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



5267193



15269934



4161792



36793

# Rectangle

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



5267193



15007889



4161792



36177



# Sweetspot

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



5267193



13422847



5306859



6382464



0



8421504



# Same Dimension

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



5267193



3162879



9851129



7369085



4285



1341



# Inverse Universe

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



16339038



16724034



11794768



8220785



12386320

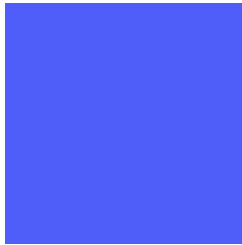


3997701



# Previews

## White Background



This preview shows how the Decimal color 5267193 looks on a white background.

## Color Contrast Check

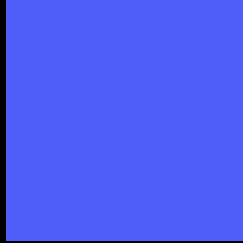
Large Text (above 18pt) WCAG AA ✓ Pass

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 5267193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

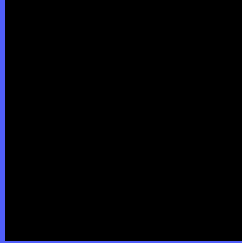
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 5267193 Background



This preview shows how black text looks on a background with the Decimal color 5267193.



This preview shows how white text looks on a background with the Decimal color 5267193.

# 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**  
32134

# Trichromacy



**Original Color**  
5267193



**Protanomaly**  
1927148



**Deuteranomaly**  
1928152



**Tritanomaly**  
1929904

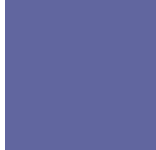
# Monochromacy



**Original Color**  
5267193



**Achromatopsia**  
7039851



**Achromatomaly**  
6383263

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5267193 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 #505EF9 looks like.

```
.text, #text, p{  
    color:#505EF9  
}
```

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 #505EF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505EF9
}
```

## Border

The CSS property to change the border of an element to Decimal 5267193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

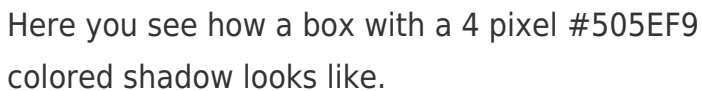
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505EF9 }
```

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

```
.border{ border-color:#505EF9 }
```

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



Here you see how a box with a 4 pixel #505EF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505EF9; -webkit-box-shadow:4px 4px  
4px 4px #505EF9; box-shadow:4px 4px 4px  
4px #505EF9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5267193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505EF9 }
```

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

```
.background{ background-color:#505EF9 }
```

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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