

# Converting Colors

Decimal(8353263)

Have a look what the booklet for  
Decimal(8353263) contains.

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# **Color**

**Decimal(8353263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F75EF
RGB	127, 117, 239
RGB Percent	50%, 46%, 94%
CMY	0.5020, 0.5412, 0.0627
CMYK	0.47, 0.51, 0.00, 0.06
HSL	245°, 79%, 70%
HSV	245°, 51%, 94%
XYZ	30.6937, 23.4666, 84.5731
YIQ	133.8980, -33.2020, 40.0620

# Conversions

## Conversions Part 2

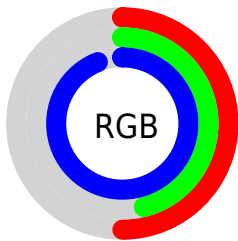
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 117, 239
Decimal	8353263
CIE <sub>Lab</sub>	55.55, 34.63, -60.48
CIE <sub>LCh</sub>	56, 69.698, 299.795
Yxy	23.4666, 0.2212, 0.1691
Android (android.graphics.Color)	4286543343 (0xFF7F75EF)
YUV	133.8980, 51.8153, -6.0495
Hunter-Lab	48.4423, 28.3258, -69.6019

# Details

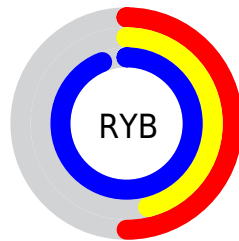
The Decimal color **8353263** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15069045**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **12167679**, and **4408502** is the 20% darker color. If you saturate the color by 10%, you get **6905327**, and if you desaturate by 10%, it is **9801199**.

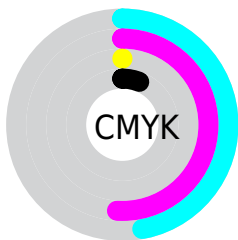
# Distribution



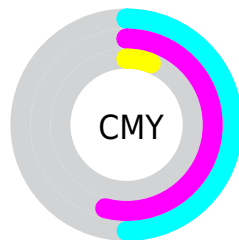
- Red (50%)
- Green (46%)
- Blue (94%)



- Red (50%)
- Yellow (46%)
- Blue (94%)



- Cyan (47%)
- Magenta (51%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (54%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8353263 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 8353263 by changing the saturation by 10% instead.



 8353263

 8353263

16777215

 6446290

 12167679

 4408502

 14140927

 2043547

 16114175

 6528

 16776703

 1382

 77

 1333

 543

 3

■ 8353263

■ 8353263

■ 6905327

■ 9801199

■ 5457391

■ 11249135

■ 4009455

■ 12697071

■ 2561519

■ 14145007

■ 1310959

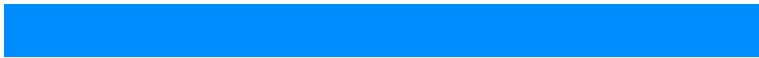
■ 15592687

■ 16777199

# Harmonies

## Analogous

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



36351



8353263



13391555

# Triad

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



8353263



13593105



41091

# Complementary

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



8353263



15069045

# 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.



40004



8353263



10519040

# Square

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



8353263



15420749



6591232



41152

# Rectangle

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



8353263



15091100



6591232



40814



# Sweetspot

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



8353263



14473727



7727087



6973824



0



8421504



# Same Dimension

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



8353263



7365631



12219887



7171192



983224



327736



# Inverse Universe

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



15693285



16737266



11202421



7892087



12058793

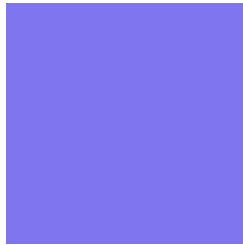


3670068



# Previews

## White Background



This preview shows how the Decimal color 8353263 looks on a white background.

## Color Contrast Check

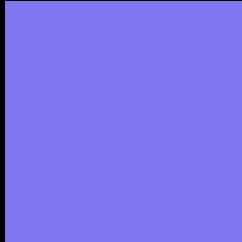
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 8353263 looks on a black 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

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



## Decimal 8353263 Background



This preview shows how black text looks on a background with the Decimal color 8353263.




This preview shows how white text looks on a background with the Decimal color 8353263.

# 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**  
6720406

# Trichromacy



**Original Color**  
8353263

**Protanomaly**  
5799415

**Deuteranomaly**  
4751596

**Tritanomaly**  
7308214

# Monochromacy



**Original Color**  
8353263

**Achromatopsia**  
8816262

**Achromatomaly**  
8618156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8353263 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 #7F75EF looks like.

```
.text, #text, p{  
  color:#7F75EF  
}
```

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 #7F75EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F75EF
}
```

## Border

The CSS property to change the border of an element to Decimal 8353263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

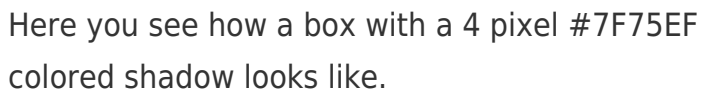
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F75EF }
```

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

```
.border{ border-color:#7F75EF }
```

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



Here you see how a box with a 4 pixel #7F75EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F75EF; -webkit-box-shadow:4px 4px  
4px 4px #7F75EF; box-shadow:4px 4px 4px  
4px #7F75EF }
```

# Background

The CSS property to change the background color of an element to Decimal 8353263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F75EF }
```

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

```
.background{ background-color:#7F75EF }
```

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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