

# Converting Colors

Decimal(8552426)

Have a look what the booklet for  
Decimal(8552426) contains.

<b>Decimal(8552426)</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(8552426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827FEA
RGB	130, 127, 234
RGB Percent	51%, 50%, 92%
CMY	0.4902, 0.5020, 0.0824
CMYK	0.44, 0.46, 0.00, 0.08
HSL	242°, 72%, 71%
HSV	242°, 46%, 92%
XYZ	31.6466, 25.8651, 81.1664
YIQ	140.0950, -32.5590, 33.9130

# Conversions

## Conversions Part 2

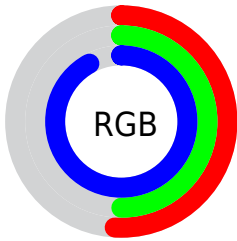
Format	Color
R <sub>Y</sub> B	130, 127, 234
Decimal	8552426
CIE Lab	57.91, 27.98, -53.91
CIE LCh	58, 60.742, 297.426
Yxy	25.8651, 0.2282, 0.1865
Android (android.graphics.Color)	4286742506 (0xFF827FEA)
YUV	140.0950, 46.2952, -8.8533
Hunter-Lab	50.8577, 22.0719, -59.0235

# Details

The Decimal color **8552426** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15198847**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **12301567**, and **4738738** is the 20% darker color. If you saturate the color by 10%, you get **7039210**, and if you desaturate by 10%, it is **10065642**.

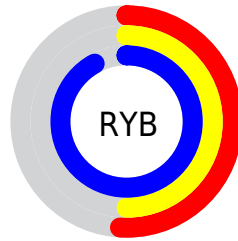
# Distribution



Red (51%)

Green (50%)

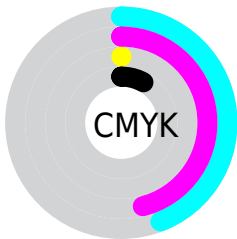
Blue (92%)



Red (51%)

Yellow (50%)

Blue (92%)

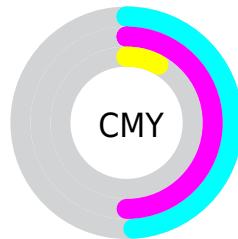


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (50%)

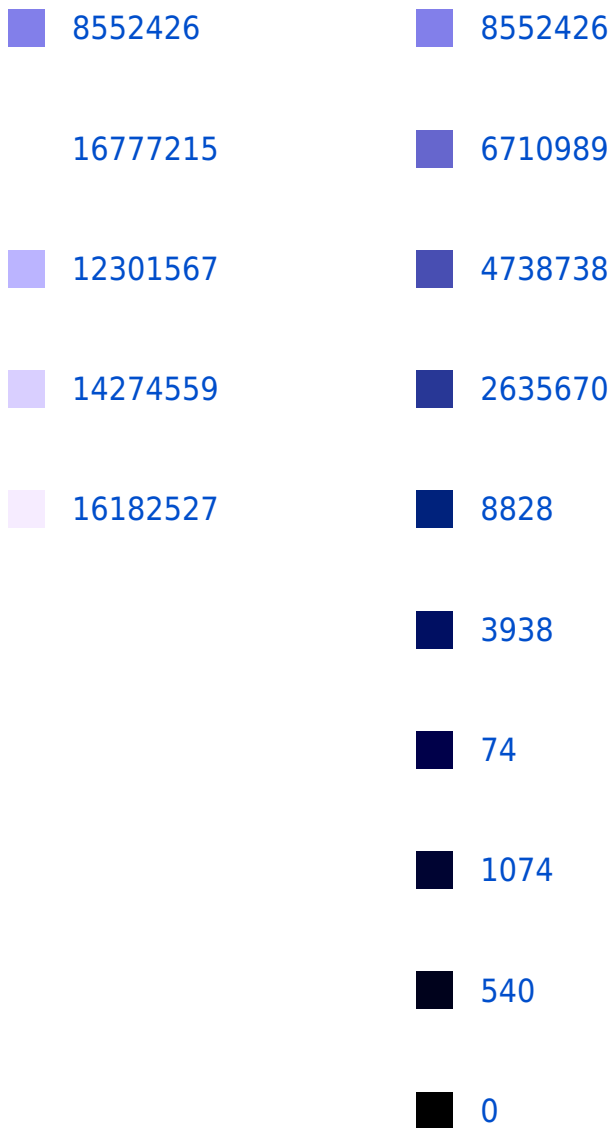
Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8552426 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 8552426 by changing the saturation by 10% instead.





■ 8552426

■ 8552426

■ 7039210

■ 10065642

■ 5591274

■ 11513578

■ 4078058

■ 13026794

■ 2564586

■ 14540266

■ 1051370

■ 16053482

■ 458986

■ 16777194

# Harmonies

## Analogous

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



37878



8552426



13068229

# Triad

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



8552426



13726256



42117

# Complementary

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



8552426



15198847

# 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.



2269263



8552426



11175693

# Square

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



8552426



15228253



7771680



42171

# Rectangle

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



8552426



14703524



7771680



41842



# Sweetspot

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



8552426



14474239



8382698



6974080



0



8421504



# Same Dimension

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



8552426



7828479



11960298



6974069



327861



131126



# Inverse Universe

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



15368167



16741371



11790975



7694965



11862192

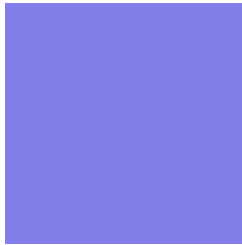


3538996



# Previews

## White Background



This preview shows how the Decimal color 8552426 looks on a white background.

## Color Contrast Check

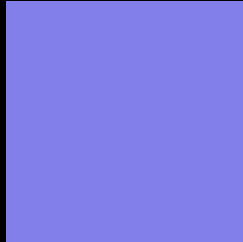
Large Text (above 18pt) WCAG AA ✓ Pass

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 8552426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

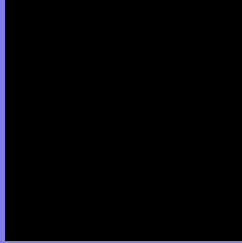
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8552426 Background



This preview shows how black text looks on a background with the Decimal color 8552426.

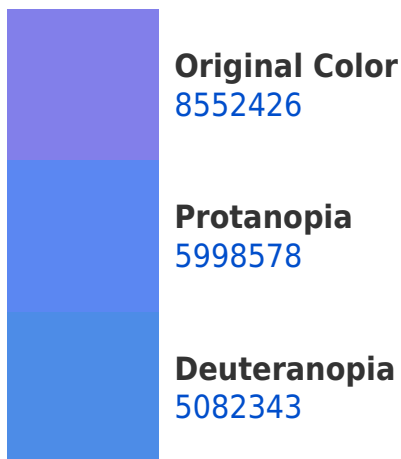


This preview shows how white text looks on a background with the Decimal color 8552426.

# 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**  
7180700

# Trichromacy



**Original Color**  
8552426

**Protanomaly**  
6915311

**Deuteranomaly**  
6326248

**Tritanomaly**  
7703224

# Monochromacy



**Original Color**  
8552426

**Achromatopsia**  
9211020

**Achromatomaly**  
8947630

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8552426 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 #827FEA looks like.

```
.text, #text, p{  
  color:#827FEA  
}
```

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 #827FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827FEA
}
```

## Border

The CSS property to change the border of an element to Decimal 8552426 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
#827FEA }
```

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

```
.border{ border-color:#827FEA }
```

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

Here you see how a box with a 4 pixel #827FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827FEA; -webkit-box-shadow:4px 4px  
4px 4px #827FEA; box-shadow:4px 4px 4px  
4px #827FEA }
```

# Background

The CSS property to change the background color of an element to Decimal 8552426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827FEA }
```

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

```
.background{ background-color:#827FEA }
```

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