

# Converting Colors

Decimal(8552172)

Have a look what the booklet for  
Decimal(8552172) contains.

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# Color

**Decimal(8552172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827EEC
RGB	130, 126, 236
RGB Percent	51%, 49%, 93%
CMY	0.4902, 0.5059, 0.0745
CMYK	0.45, 0.47, 0.00, 0.07
HSL	242°, 74%, 71%
HSV	242°, 47%, 93%
XYZ	31.8071, 25.7237, 82.6456
YIQ	139.7360, -32.9260, 35.0580

# Conversions

## Conversions Part 2

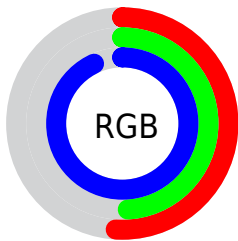
Format	Color
<a href="#">RYB</a>	<a href="#">130, 126, 236</a>
Decimal	<a href="#">8552172</a>
<a href="#">CIELab</a>	<a href="#">57.77, 29.14, -55.24</a>
<a href="#">CIELCh</a>	<a href="#">58, 62.459, 297.815</a>
<a href="#">Yxy</a>	<a href="#">25.7237, 0.2269, 0.1835</a>
Android (android.graphics.Color)	<a href="#">4286742252</a> (0xFF827EEC)
<a href="#">YUV</a>	<a href="#">139.7360, 47.4582, -8.5385</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.7185, 23.1853, -61.1099</a>

# Details

The Decimal color **8552172** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **15264894**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **12366847**, and **4738483** is the 20% darker color. If you saturate the color by 10%, you get **7038700**, and if you desaturate by 10%, it is **10065644**.

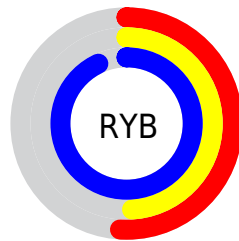
# Distribution



Red (51%)

Green (49%)

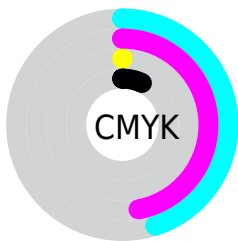
Blue (93%)



Red (51%)

Yellow (49%)

Blue (93%)

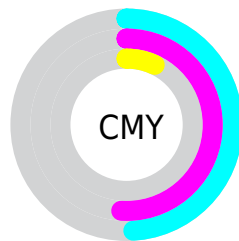


Cyan (45%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (49%)

Magenta (51%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8552172 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 8552172 by changing the saturation by 10% instead.



8552172

8552172

16777215

6645199

12366847

4738483

14274303

2569880

16247551

8574

3684

75

1076

542

0

■ 8552172

■ 8552172

■ 7038700

■ 10065644

■ 5591020

■ 11513324

■ 4077548

■ 13026796

■ 2564332

■ 14540012

■ 1050860

■ 16053484

■ 590060

■ 16777196

# Harmonies

## Analogous

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



37624



8552172



13198790

# Triad

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



8552172



13791532



42117

# Complementary

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



8552172



15264894

# 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.



1417293



8552172



11110146

# Square

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



8552172



15358811



7640604



42172

# Rectangle

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



8552172



14833827



7640604



41842



# Sweetspot

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



8552172



14539775



8317164



7039616



0



8421504



# Same Dimension

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



8552172



7696639



12156652



6974069



458933



131126



# Inverse Universe

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



15498984



16740602



11660414



7694965



11862190

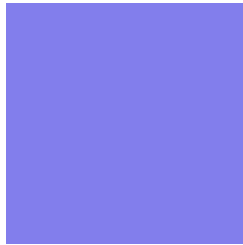


3538996



# Previews

## White Background



This preview shows how the Decimal color 8552172 looks on a white background.

## Color Contrast Check

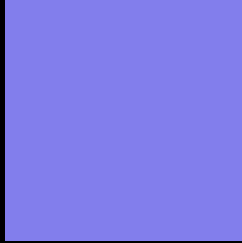
Large Text (above 18pt) WCAG AA ✓ Pass

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 8552172 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 8552172 Background



This preview shows how black text looks on a background with the Decimal color 8552172.

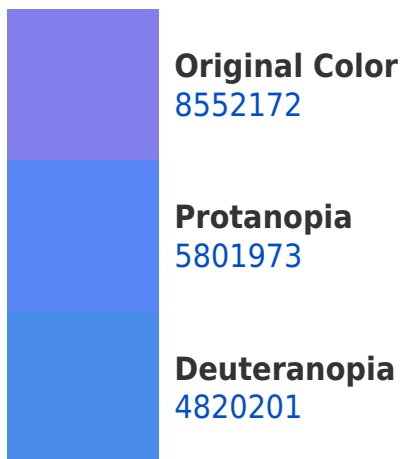


This preview shows how white text looks on a background with the Decimal color 8552172.

# 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](#).

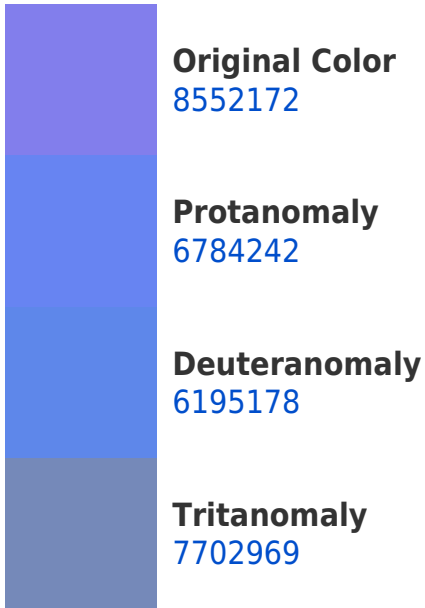
## Dichromacy



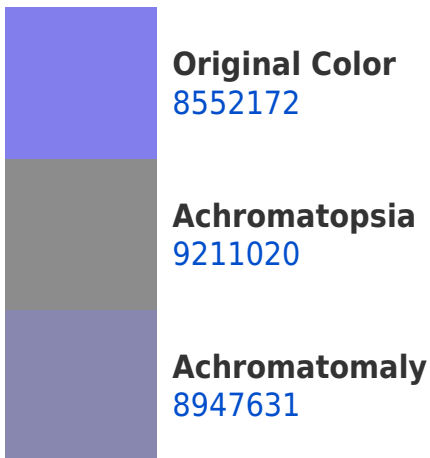


**Tritanopia**  
7180444

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8552172 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 #827EEC looks like.

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

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 #827EEC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8552172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

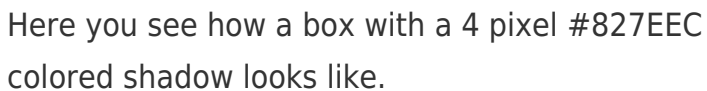
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827EEC }
```

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

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

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



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

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

# Background

The CSS property to change the background color of an element to Decimal 8552172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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