

# Converting Colors

Decimal(8475579)

Have a look what the booklet for  
Decimal(8475579) contains.

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# Color

**Decimal(8475579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8153BB
RGB	129, 83, 187
RGB Percent	51%, 33%, 73%
CMY	0.4941, 0.6745, 0.2667
CMYK	0.31, 0.56, 0.00, 0.27
HSL	267°, 43%, 53%
HSV	267°, 56%, 73%
XYZ	21.1162, 14.4415, 48.6883
YIQ	108.6100, -5.9680, 42.0960

# Conversions

## Conversions Part 2

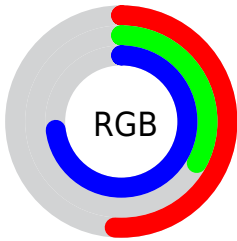
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 83, 187
Decimal	8475579
CIE Lab	44.86, 40.50, -48.01
CIE LCh	45, 62.811, 310.152
Yxy	14.4415, 0.2506, 0.1714
Android (android.graphics.Color)	4286665659 (0xFF8153BB)
YUV	108.6100, 38.6463, 17.8820
Hunter-Lab	38.0020, 32.6818, -49.3612

# Details

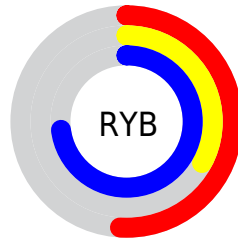
The Decimal color **8475579** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9288531**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **12158708**, and **4924293** is the 20% darker color. If you saturate the color by 10%, you get **7815355**, and if you desaturate by 10%, it is **9135803**.

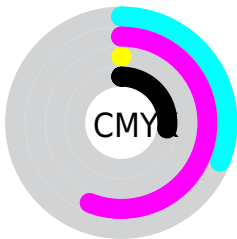
# Distribution



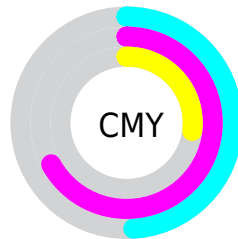
- Red (51%)
- Green (33%)
- Blue (73%)



- Red (51%)
- Yellow (33%)
- Blue (73%)



- Cyan (31%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (67%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8475579 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 8475579 by changing the saturation by 10% instead.



8475579

8475579

16777215

6699936

12158708

4924293

14000639

3148139

15973631

1179730

16767231

58

16774655

548

11

0

8475579

8475579

7815355

9135803

7089851

9861307

6429627

10521531

5703867

11247291

5439675

11907515

12633019

13293243

13953467

14678971

# Harmonies

## Analogous

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



27602



8475579



11876239

# Triad

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



8475579



10246656



33147

# Complementary

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



8475579



9288531

# 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.



32580



8475579



7368192

# Square

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



8475579



12271912



3438854



32941

# Rectangle

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



8475579



12790636



3438854



33129



# Sweetspot

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



8475579



14404082



5476027



7168634



16448250



8026746



# Same Dimension

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



8475579



9982194



11817915



5854558



4587678



917535



# Inverse Universe

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



12276621



15880362



5946195



6182234



10354776

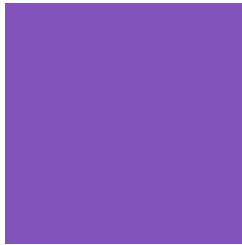


2031633



# Previews

## White Background



This preview shows how the Decimal color 8475579 looks on a white background.

## Color Contrast Check

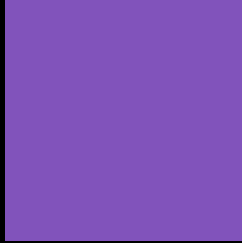
Large Text (above 18pt) WCAG AA ✓ Pass

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 8475579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

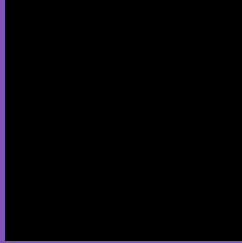
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8475579 Background



This preview shows how black text looks on a background with the Decimal color 8475579.

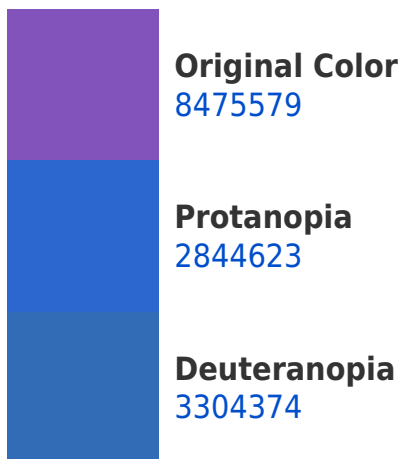



This preview shows how white text looks on a background with the Decimal color 8475579.

# 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**  
7497583

# Trichromacy



**Original Color**  
8475579

**Protanomaly**  
4874440

**Deuteranomaly**  
5202616

**Tritanomaly**  
7823499

# Monochromacy



**Original Color**  
8475579

**Achromatopsia**  
7171437

**Achromatomaly**  
7627913

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8475579 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 #8153BB looks like.

```
.text, #text, p{  
    color:#8153BB  
}
```

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 #8153BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8153BB  
}
```

## Border

The CSS property to change the border of an element to Decimal 8475579 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".

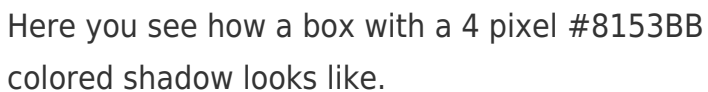
```
.border, #border, table{ border:4px solid  
#8153BB }
```

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

```
.border{ border-color:#8153BB }
```

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

Here you see how a box with a 4 pixel #8153BB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8153BB; -webkit-box-shadow:4px 4px  
4px 4px #8153BB; box-shadow:4px 4px 4px  
4px #8153BB }
```

# Background

The CSS property to change the background color of an element to Decimal 8475579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8153BB }
```

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

```
.background{ background-color:#8153BB }
```

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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