

# Converting Colors

Decimal(8476550)

Have a look what the booklet for  
Decimal(8476550) contains.

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# Color

**Decimal(8476550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	815786
RGB	129, 87, 134
RGB Percent	51%, 34%, 53%
CMY	0.4941, 0.6588, 0.4745
CMYK	0.04, 0.35, 0.00, 0.47
HSL	294°, 21%, 43%
HSV	294°, 35%, 53%
XYZ	16.7645, 13.2047, 24.2194
YIQ	104.9160, 9.9450, 23.5210

# Conversions

## Conversions Part 2

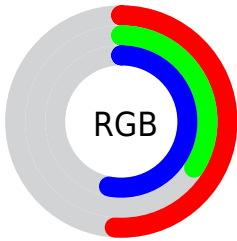
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 87, 134
Decimal	8476550
CIE <sub>Lab</sub>	43.07, 25.79, -19.34
CIE <sub>LCh</sub>	43, 32.236, 323.145
Yxy	13.2047, 0.3094, 0.2437
Android (android.graphics.Color)	4286666630 (0xFF815786)
YUV	104.9160, 14.3384, 21.1217
Hunter-Lab	36.3383, 18.7581, -14.0798

# Details

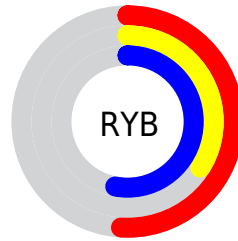
The Decimal color **8476550** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6063703**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **12028603**, and **5187668** is the 20% darker color. If you saturate the color by 10%, you get **8407686**, and if you desaturate by 10%, it is **8545414**.

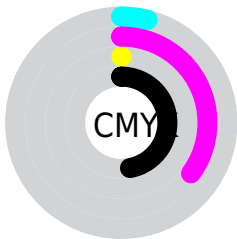
# Distribution



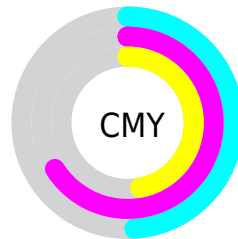
- Red (51%)
- Green (34%)
- Blue (53%)



- Red (51%)
- Yellow (34%)
- Blue (53%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (66%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8476550 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 8476550 by changing the saturation by 10% instead.



8476550

8476550

16777215

6766445

12028603

5187668

13870295

3609149

15712244

2228263

16767999

273

16775423

0

8476550

8476550

8407686

8545414

8273030

8680070

8204166

8748934

8069510

8883590

8000646

8952454

7866246

9086854

7864454

9155974

9224838

9359494

# Harmonies

## Analogous

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



6250903



8476550



9719917

# Triad

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



8476550



8086064



29562

# Complementary

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



8476550



6063703

# 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.



1012574



8476550



6384179

# Square

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



8476550



9394236



4354117



28816

# Rectangle

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



8476550



9982043



4354117



29809



# Sweetspot

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



8476550



11246253



5725318



5655383



14079702



5723991



# Same Dimension

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



8476550



10905005



8804212



4340802



7602306



131075



# Inverse Universe

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



8804188



11363692



5736041



4340796



8519694

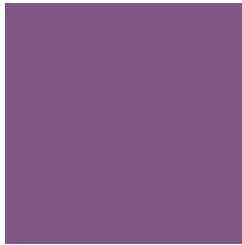


196608



# Previews

## White Background



This preview shows how the Decimal color 8476550 looks on a white background.

## Color Contrast Check

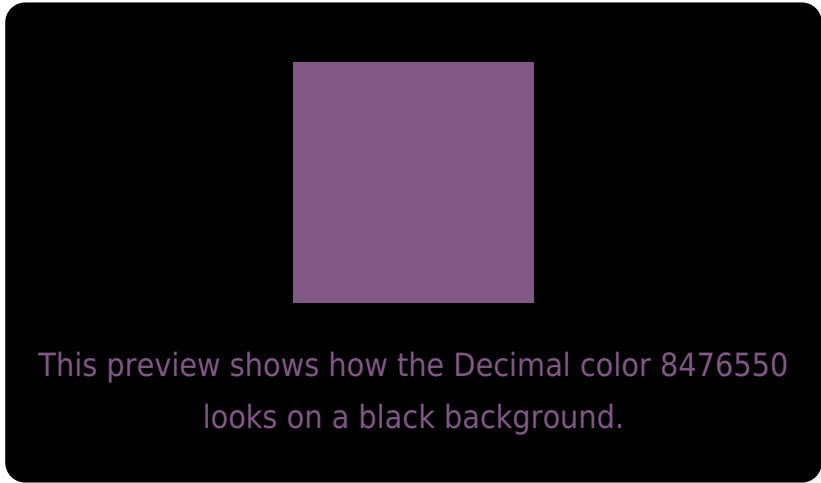
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

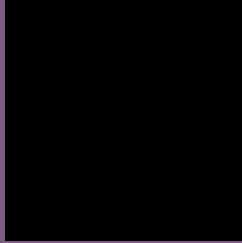
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8476550 Background



This preview shows how black text looks on a background with the Decimal color 8476550.




This preview shows how white text looks on a background with the Decimal color 8476550.

# 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**  
8150629

# Trichromacy



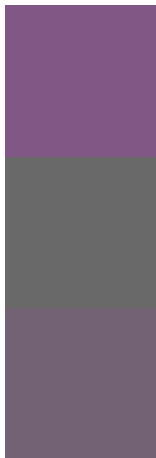
**Original Color**  
8476550

**Protanomaly**  
6774924

**Deuteranomaly**  
7102341

**Tritanomaly**  
8280945

# Monochromacy



**Original Color**  
8476550

**Achromatopsia**  
6908265

**Achromatomaly**  
7496308

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8476550 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 #815786 looks like.

```
.text, #text, p{  
    color:#815786  
}
```

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 #815786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815786
}
```

## Border

The CSS property to change the border of an element to Decimal 8476550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

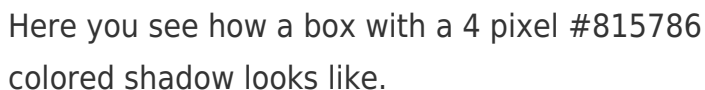
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815786 }
```

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

```
.border{ border-color:#815786 }
```

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



Here you see how a box with a 4 pixel #815786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815786; -webkit-box-shadow:4px 4px  
4px 4px #815786; box-shadow:4px 4px 4px  
4px #815786 }
```

# Background

The CSS property to change the background color of an element to Decimal 8476550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815786 }
```

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

```
.background{ background-color:#815786 }
```

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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