

# Converting Colors

Decimal(8275066)

Have a look what the booklet for  
Decimal(8275066) contains.

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# Color

**Decimal(8275066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E447A
RGB	126, 68, 122
RGB Percent	49%, 27%, 48%
CMY	0.5059, 0.7333, 0.5216
CMYK	0.00, 0.46, 0.03, 0.51
HSL	304°, 30%, 38%
HSV	304°, 46%, 49%
XYZ	14.1842, 9.9750, 19.5901
YIQ	91.4980, 17.2340, 29.0900

# Conversions

## Conversions Part 2

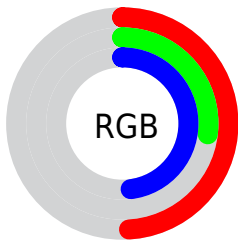
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 68, 122
Decimal	8275066
CIE <sub>Lab</sub>	37.80, 33.33, -20.15
CIE <sub>LCh</sub>	38, 38.945, 328.837
Yxy	9.9750, 0.3242, 0.2280
Android (android.graphics.Color)	4286465146 (0xFF7E447A)
YUV	91.4980, 15.0375, 30.2583
Hunter-Lab	31.5832, 24.8944, -14.6676

# Details

The Decimal color **8275066** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4488776**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **11826863**, and **4920393** is the 20% darker color. If you saturate the color by 10%, you get **8271737**, and if you desaturate by 10%, it is **8278395**.

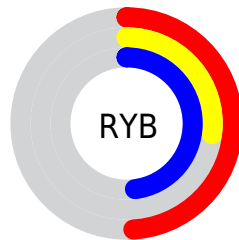
# Distribution



Red (49%)

Green (27%)

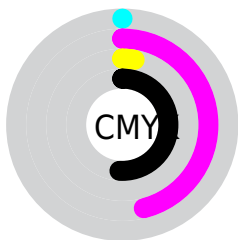
Blue (48%)



Red (49%)

Yellow (27%)

Blue (48%)

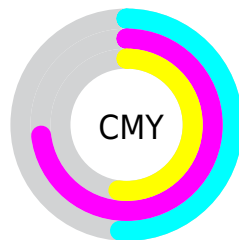


Cyan (0%)

Magenta (46%)

Yellow (3%)

Black (51%)



Cyan (51%)

Magenta (73%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8275066 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 8275066 by changing the saturation by 10% instead.



8275066

8275066

16777215

6564961

11826863

4920393

13668554

3342386

15576038

1966109

16762879

0

16770047

8275066

8275066

8271737

8278395

8268664

8281468

8265335

8284797

8262263

8287869

8258934

8291198

8257653

8294527

8297600

8300929

8304002

# Harmonies

## Analogous

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



5722512



8275066



9452636

# Triad

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



8275066



7034645



26742

# Complementary

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



8275066



4488776

# 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.



26711



8275066



5005342

# Square

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



8275066



8604451



2057783



25742

# Rectangle

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



8275066



9649478



2057783



26732



# Sweetspot

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



8275066



10718370



4736126



5391441



13750737



5395026



# Same Dimension

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



8275066



10701213



8275037



4208959



8388727



0



# Inverse Universe

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



8275066



10701213



4488805



4208959



8388727

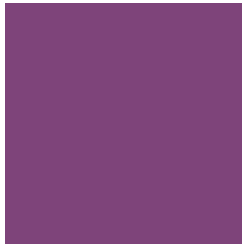


0



# Previews

## White Background



This preview shows how the Decimal color 8275066 looks on a white background.

## Color Contrast Check

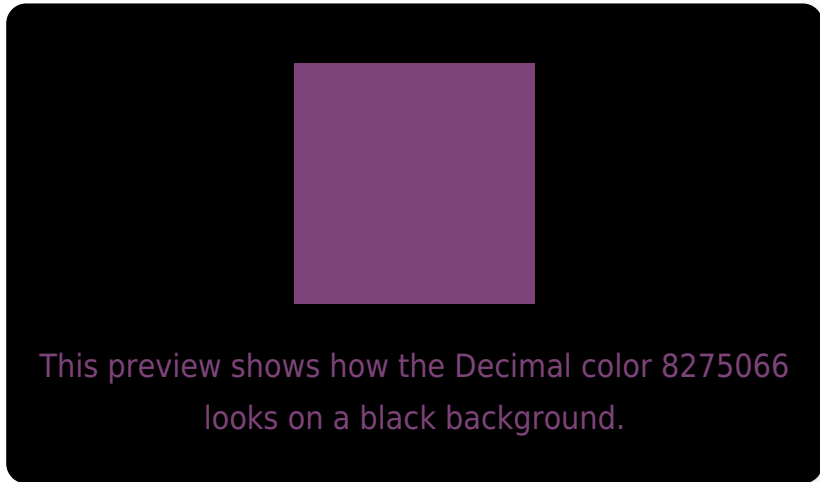
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

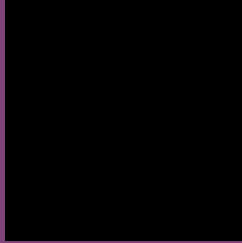
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8275066 Background



This preview shows how black text looks on a background with the Decimal color 8275066.




This preview shows how white text looks on a background with the Decimal color 8275066.

# 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**  
7949651

# Trichromacy



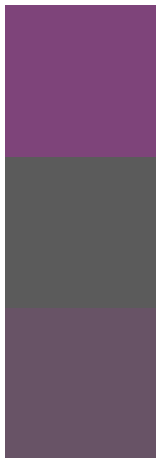
**Original Color**  
8275066

**Protanomaly**  
5984644

**Deuteranomaly**  
6443383

**Tritanomaly**  
8079969

# Monochromacy



**Original Color**  
8275066

**Achromatopsia**  
5987163

**Achromatomaly**  
6837094

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8275066 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 #7E447A looks like.

```
.text, #text, p{  
    color:#7E447A  
}
```

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 #7E447A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E447A
}
```

## Border

The CSS property to change the border of an element to Decimal 8275066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

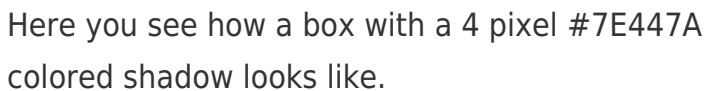
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E447A }
```

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

```
.border{ border-color:#7E447A }
```

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



Here you see how a box with a 4 pixel #7E447A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E447A; -webkit-box-shadow:4px 4px  
4px 4px #7E447A; box-shadow:4px 4px 4px  
4px #7E447A }
```

# Background

The CSS property to change the background color of an element to Decimal 8275066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E447A }
```

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

```
.background{ background-color:#7E447A }
```

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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