

# Converting Colors

Decimal(8276900)

Have a look what the booklet for  
Decimal(8276900) contains.

|  |    |
|--|----|
| <b>Decimal(8276900)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Decimal(8276900)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7E4BA4                    |
| RGB           | 126, 75, 164              |
| RGB Percent   | 49%, 29%, 64%             |
| CMY           | 0.5059, 0.7059, 0.3569    |
| CMYK          | 0.23, 0.54, 0.00, 0.36    |
| HSL           | 274°, 37%, 47%            |
| HSV           | 274°, 54%, 64%            |
| XYZ           | 17.8211, 12.1481, 36.5275 |
| YIQ           | 100.3950, 1.8270, 38.4910 |

# Conversions

## Conversions Part 2

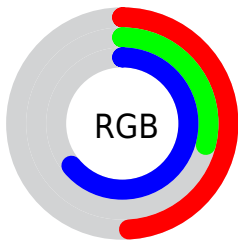
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">126, 75, 164</a>                   |
| Decimal                             | <a href="#">8276900</a>                        |
| CIELab                              | <a href="#">41.45, 38.55, -39.92</a>           |
| CIELCh                              | <a href="#">41, 55.489, 314.000</a>            |
| Yxy                                 | <a href="#">12.1481, 0.2680,<br/>0.1827</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4286466980<br/>(0xFF7E4BA4)</a>    |
| YUV                                 | <a href="#">100.3950, 31.3573,<br/>22.4556</a> |
| Hunter-Lab                          | <a href="#">34.8541, 30.2732,<br/>-37.7386</a> |

# Details

The Decimal color **8276900** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7447627**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **11894491**, and **4856688** is the 20% darker color. If you saturate the color by 10%, you get **7814052**, and if you desaturate by 10%, it is **8739748**.

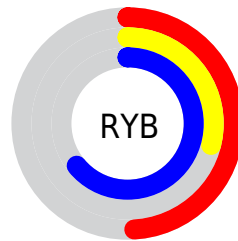
# Distribution



Red (49%)

Green (29%)

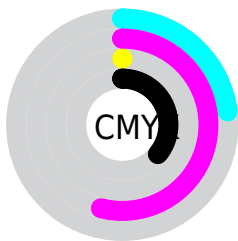
Blue (64%)



Red (49%)

Yellow (29%)

Blue (64%)

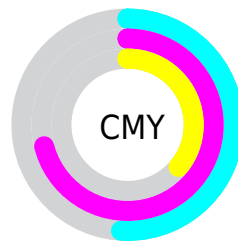


Cyan (23%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (71%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8276900 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 8276900 by changing the saturation by 10% instead.



8276900

8276900

16777215

6566793

11894491

4856688

13736184

3146071

15643647

1703999

16764927

296

16772351

274

0

8276900

8276900

7814052

8739748

7350948

9202852

6888100

9665700

6424996

10128804

6160548

10591652

11054500

11517604

11980452

12443556

# Harmonies

## Analogous

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



1597627



8276900



10892668

# Triad

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



8276900



9066240



30327

# Complementary

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



8276900



7447627

# 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.



30023



8276900



6514176

# Square

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



8276900



10961443



2846743



30112

# Rectangle

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



8276900



11611742



2846743



30311



# Sweetspot

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



8276900



13153494



4944548



6444907



15461355



7039851



# Same Dimension

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



8276900



10177494



10767262



5130578



5439633



655378



# Inverse Universe

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



10767217



14044038



4957265



5392717



9502782

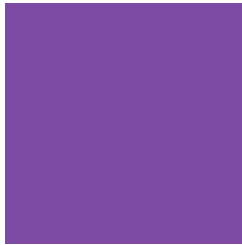


1179656



# Previews

## White Background



This preview shows how the Decimal color 8276900 looks on a white background.

## Color Contrast Check

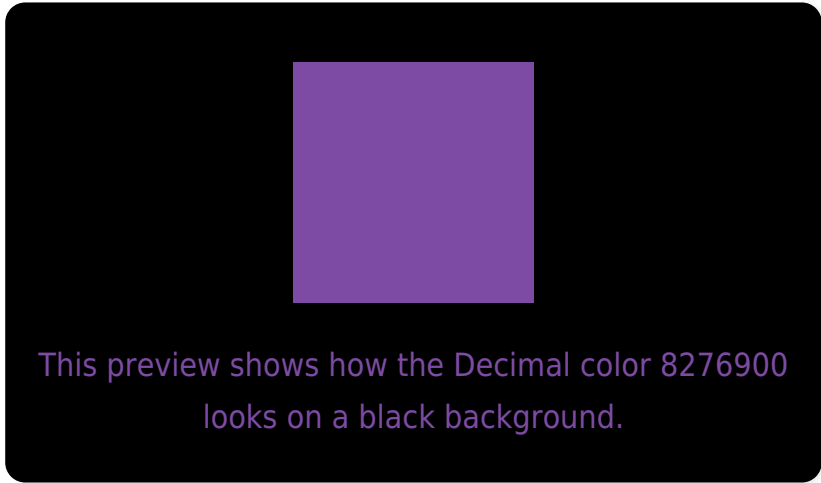
Large Text (above 18pt) WCAG AA ✓ Pass

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

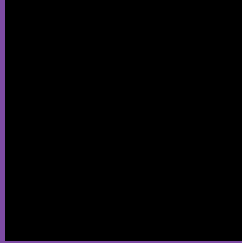
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8276900 Background



This preview shows how black text looks on a background with the Decimal color 8276900.




This preview shows how white text looks on a background with the Decimal color 8276900.

# 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**  
7560291

# Trichromacy



**Original Color**  
8276900

**Protanomaly**  
5134513

**Deuteranomaly**  
5593761

**Tritanomaly**  
7820923

# Monochromacy



**Original Color**  
8276900

**Achromatopsia**  
6579300

**Achromatomaly**  
7166843

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8276900 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 #7E4BA4 looks like.

```
.text, #text, p{  
    color:#7E4BA4  
}
```

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 #7E4BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4BA4
}
```

## Border

The CSS property to change the border of an element to Decimal 8276900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

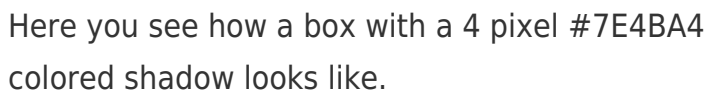
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4BA4 }
```

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

```
.border{ border-color:#7E4BA4 }
```

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



Here you see how a box with a 4 pixel #7E4BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4BA4; -webkit-box-shadow:4px 4px  
4px 4px #7E4BA4; box-shadow:4px 4px 4px  
4px #7E4BA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8276900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4BA4 }
```

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

```
.background{ background-color:#7E4BA4 }
```

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