

Converting Colors

Decimal(8276175)

Have a look what the booklet for
Decimal(8276175) contains.

Decimal(8276175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8276175)

Conversions

Conversions Part 1

Format	Color
Hex	7E48CF
RGB	126, 72, 207
RGB Percent	49%, 28%, 81%
CMY	0.5059, 0.7176, 0.1882
CMYK	0.39, 0.65, 0.00, 0.19
HSL	264°, 58%, 55%
HSV	264°, 65%, 81%
XYZ	22.1840, 13.5753, 60.4826
YIQ	103.5360, -11.1510, 53.4330

Conversions

Conversions Part 2

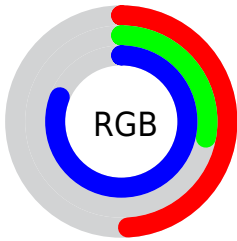
Format	Color
R_{YB}	126, 72, 207
Decimal	8276175
CIE _{Lab}	43.62, 50.88, -61.62
CIE _{LCh}	44, 79.907, 309.546
Yxy	13.5753, 0.2305, 0.1411
Android (android.graphics.Color)	4286466255 (0xFF7E48CF)
YUV	103.5360, 51.0078, 19.7009
Hunter-Lab	36.8447, 42.9957, -71.5363

Details

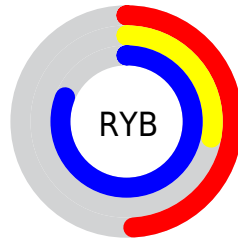
The Decimal color **8276175** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **10080072**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **12090623**, and **4461720** is the 20% darker color. If you saturate the color by 10%, you get **7484367**, and if you desaturate by 10%, it is **9067983**.

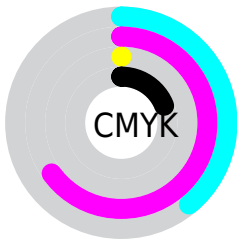
Distribution



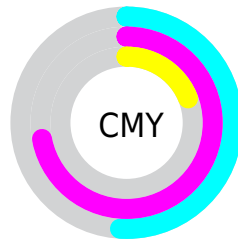
- Red (49%)
- Green (28%)
- Blue (81%)



- Red (49%)
- Yellow (28%)
- Blue (81%)



- Cyan (39%)
- Magenta (65%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (72%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8276175 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 8276175 by changing the saturation by 10% instead.

8276175

8276175

16777215

6369203

12090623

4461720

13997823

2359421

15971071

99

16764671

74

16771839

1075

541

0

8276175

8276175

■ 7484367

■ 9067983

■ 6627279

■ 9925071

■ 5835471

■ 10716879

■ 5439695

■ 11574223

■ 12366031

■ 13223119

■ 14014927

■ 14806735

■ 15663055

Harmonies

Analogous

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



27372



8276175



12714135

Triad

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



8276175



10637824



33403

Complementary

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



8276175



10080072

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.



32565



8276175



7039744

Square

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



8276175



13116178



555264



33211

Rectangle

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



8276175



13893739



555264



33124

Sweetspot

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



8276175



14732543



4757967



7168384



0



8421504

Same Dimension

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



8276175



8927487



12732623



6446697



4391080



1048617

Inverse Universe

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



13584537



16726191



5689160



6905444



11010149



2687000

Previews

White Background



This preview shows how the Decimal color 8276175 looks on a white background.

Color Contrast Check

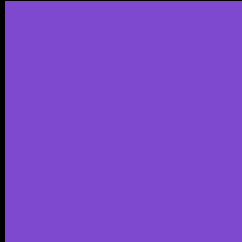
Large Text (above 18pt) WCAG AA ✓ Pass

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 8276175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

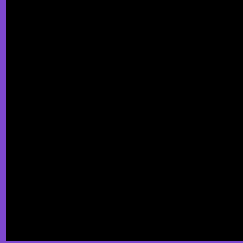
Any Text WCAG AA × Fail

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 8276175 Background



This preview shows how black text looks on a background with the Decimal color 8276175.



This preview shows how white text looks on a background with the Decimal color 8276175.

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
6907502

Trichromacy



Original Color
8276175



Protanomaly
3037650



Deuteranomaly
3038656



Tritanomaly
7429009

Monochromacy



Original Color
8276175



Achromatopsia
6842472



Achromatomaly
7363725

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8276175 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 #7E48CF looks like.

```
.text, #text, p{  
    color:#7E48CF  
}
```

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 #7E48CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E48CF
}
```

Border

The CSS property to change the border of an element to Decimal 8276175 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
#7E48CF }
```

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

```
.border{ border-color:#7E48CF }
```

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

Here you see how a box with a 4 pixel #7E48CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E48CF; -webkit-box-shadow:4px 4px  
4px 4px #7E48CF; box-shadow:4px 4px 4px  
4px #7E48CF }
```

Background

The CSS property to change the background color of an element to Decimal 8276175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E48CF }
```

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

```
.background{ background-color:#7E48CF }
```

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