

Converting Colors

Decimal(8001659)

Have a look what the booklet for
Decimal(8001659) contains.

Decimal(8001659)	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(8001659)

Conversions

Conversions Part 1

Format	Color
Hex	7A187B
RGB	122, 24, 123
RGB Percent	48%, 9%, 48%
CMY	0.5216, 0.9059, 0.5176
CMYK	0.01, 0.80, 0.00, 0.52
HSL	299°, 67%, 29%
HSV	299°, 80%, 48%
XYZ	11.9278, 6.2209, 19.3110
YIQ	64.5880, 26.6290, 51.5650

Conversions

Conversions Part 2

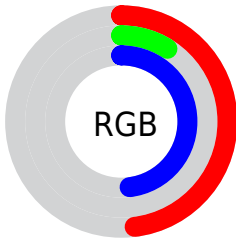
Format	Color
R_{YB}	122, 24, 123
Decimal	8001659
CIE _{Lab}	29.96, 52.21, -33.12
CIE _{LCh}	30, 61.832, 327.610
Yxy	6.2209, 0.3184, 0.1661
Android (android.graphics.Color)	4286191739 (0xFF7A187B)
YUV	64.5880, 28.7971, 50.3503
Hunter-Lab	24.9417, 41.7156, -28.4457

Details

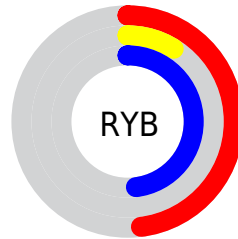
The Decimal color **8001659** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1669912**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **11620784**, and **4522058** is the 20% darker color. If you saturate the color by 10%, you get **7998587**, and if you desaturate by 10%, it is **8004731**.

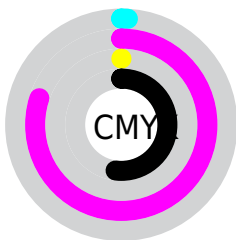
Distribution



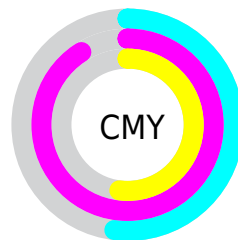
- Red (48%)
- Green (9%)
- Blue (48%)



- Red (48%)
- Yellow (9%)
- Blue (48%)



- Cyan (1%)
- Magenta (80%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8001659 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 8001659 by changing the saturation by 10% instead.

 8001659

 8001659

16777215

 6226018

 11620784

 4522058

 13528268

 3080243

 15435752

 327708

 16753407

 0

 16760575

 16767999

 16775423

 8001659

 8001659

■ 7998587

■ 8004731

■ 7995515

■ 8008059

■ 8011131

■ 8014203

■ 8083067

■ 8086139

■ 8089211

■ 8092283

■ 8095611

Harmonies

Analogous

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



3095453



8001659



9764941

Triad

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



8001659



5981184



23154

Complementary

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



8001659



1669912

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.



22849



8001659



2838528

Square

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



8001659



8268800



22281



22424

Rectangle

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



8001659



9895981



22281



23139

Sweetspot

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



8001659



10517153



1579643



5323346



13750737



5395026

Same Dimension

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



8001659



10421665



8067147



4011837



8126589



16384252

Inverse Universe

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



8067097



10552582



1604424



4011831



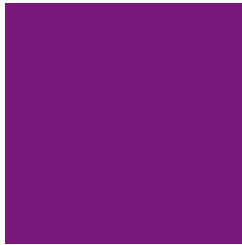
8192001



16515075

Previews

White Background



This preview shows how the Decimal color 8001659 looks on a white background.

Color Contrast Check

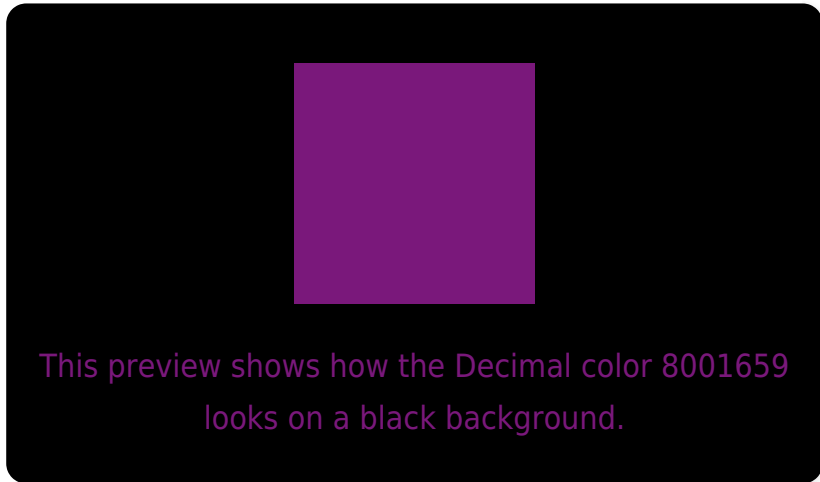
Large Text (above 18pt) WCAG AA ✓ Pass

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

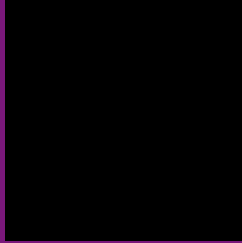
Any Text WCAG AA × Fail

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 8001659 Background



This preview shows how black text looks on a background with the Decimal color 8001659.



This preview shows how white text looks on a background with the Decimal color 8001659.

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



Trichromacy



Original Color
8001659



Protanomaly
2897291



Deuteranomaly
4863863



Tritanomaly
7678544

Monochromacy



Original Color
8001659



Achromatopsia
4276545



Achromatomaly
5648982

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8001659 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 #7A187B looks like.

```
.text, #text, p{  
    color:#7A187B  
}
```

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 #7A187B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A187B
}
```

Border

The CSS property to change the border of an element to Decimal 8001659 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
#7A187B }
```

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

```
.border{ border-color:#7A187B }
```

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

Here you see how a box with a 4 pixel #7A187B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A187B; -webkit-box-shadow:4px 4px  
4px 4px #7A187B; box-shadow:4px 4px 4px  
4px #7A187B }
```

Background

The CSS property to change the background color of an element to Decimal 8001659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A187B }
```

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

```
.background{ background-color:#7A187B }
```

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