

# Converting Colors

Decimal(8007827)

Have a look what the booklet for  
Decimal(8007827) contains.

<b>Decimal(8007827)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(8007827)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3093
RGB	122, 48, 147
RGB Percent	48%, 19%, 58%
CMY	0.5216, 0.8118, 0.4235
CMYK	0.17, 0.67, 0.00, 0.42
HSL	285°, 51%, 38%
HSV	285°, 67%, 58%
XYZ	14.3495, 8.3581, 28.4607
YIQ	81.4120, 12.3250, 46.4770

# Conversions

## Conversions Part 2

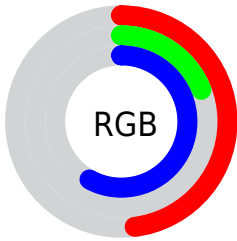
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 48, 147
Decimal	8007827
CIE <sub>Lab</sub>	34.72, 47.63, -40.43
CIE <sub>LCh</sub>	35, 62.474, 319.670
Yxy	8.3581, 0.2804, 0.1633
Android (android.graphics.Color)	4286197907 (0xFF7A3093)
YUV	81.4120, 32.3349, 35.5957
Hunter-Lab	28.9103, 38.0043, -38.1308

# Details

The Decimal color **8007827** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4821808**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **11625674**, and **4522080** is the 20% darker color. If you saturate the color by 10%, you get **7741843**, and if you desaturate by 10%, it is **8273811**.

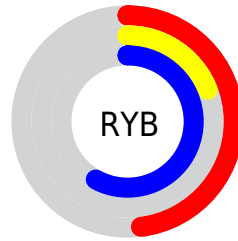
# Distribution



Red (48%)

Green (19%)

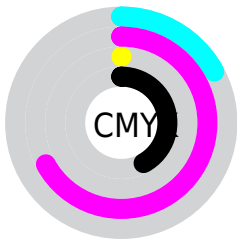
Blue (58%)



Red (48%)

Yellow (19%)

Blue (58%)

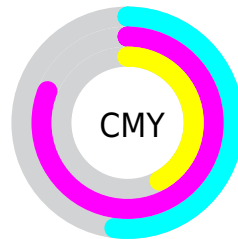


Cyan (17%)

Magenta (67%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (81%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8007827 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 8007827 by changing the saturation by 10% instead.



8007827

8007827

16777215

6231161

11625674

4522080

13532902

2883655

15440383

1114160

16758271

282

16765439

0

16772863

8007827

8007827

7741843

8273811

■ 7541651

■ 8474003

■ 7275667

■ 8739987

■ 7209107

■ 9005971

■ 9271955

■ 9472147

■ 9738131

■ 10004115

■ 10204307

# Harmonies

## Analogous

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



19633



8007827



10420581

# Triad

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



8007827



7555328



26226

# Complementary

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



8007827



4821808

# 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.



25918



8007827



4610304

# Square

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



8007827



9711616



24832



26014

# Rectangle

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



8007827



10879044



24832



26209



# Sweetspot

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



8007827



11966911



3164819



5982817



14737632



6381921



# Same Dimension

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



8007827



9970879



9646204



4735818



6750346



524298



# Inverse Universe

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



9646153



12526667



3183431



4866884



9044003



655363



# Previews

## White Background



This preview shows how the Decimal color 8007827 looks on a white background.

## Color Contrast Check

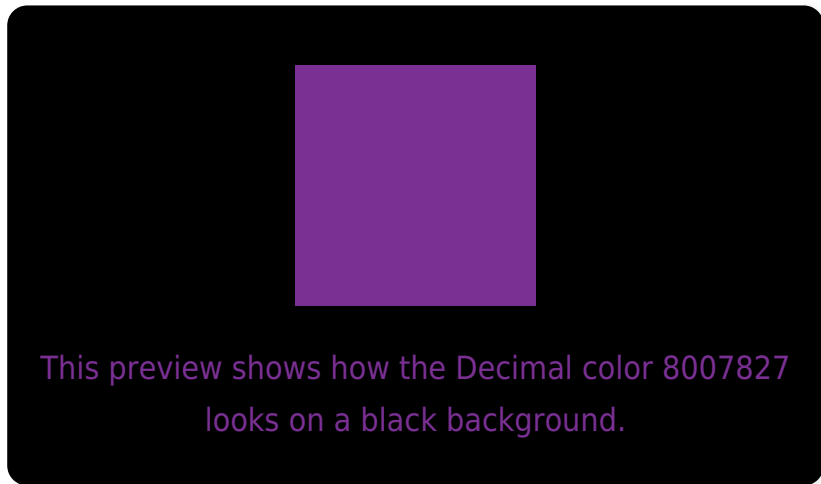
Large Text (above 18pt) WCAG AA ✓ Pass

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

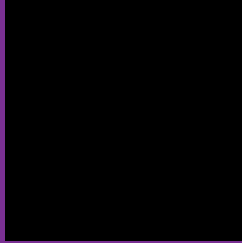
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8007827 Background



This preview shows how black text looks on a background with the Decimal color 8007827.




This preview shows how white text looks on a background with the Decimal color 8007827.

# 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**  
7358284

# Trichromacy



**Original Color**  
8007827



**Protanomaly**  
2901153



**Deuteranomaly**  
4540047



**Tritanomaly**  
7618406

# Monochromacy



**Original Color**  
8007827



**Achromatopsia**  
5329233



**Achromatomaly**  
6309225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8007827 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 #7A3093 looks like.

```
.text, #text, p{  
    color:#7A3093  
}
```

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 #7A3093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3093
}
```

## Border

The CSS property to change the border of an element to Decimal 8007827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

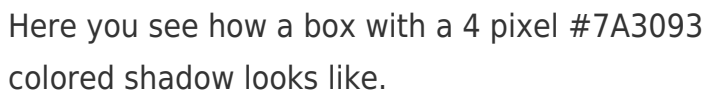
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3093 }
```

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

```
.border{ border-color:#7A3093 }
```

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



Here you see how a box with a 4 pixel #7A3093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3093; -webkit-box-shadow:4px 4px  
4px 4px #7A3093; box-shadow:4px 4px 4px  
4px #7A3093 }
```

# Background

The CSS property to change the background color of an element to Decimal 8007827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3093 }
```

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

```
.background{ background-color:#7A3093 }
```

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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