

# Converting Colors

Decimal(7996888)

Have a look what the booklet for  
Decimal(7996888) contains.

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**Color**

**Decimal(7996888)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A05D8
RGB	122, 5, 216
RGB Percent	48%, 2%, 85%
CMY	0.5216, 0.9804, 0.1529
CMYK	0.44, 0.98, 0.00, 0.15
HSL	273°, 95%, 43%
HSV	273°, 98%, 85%
XYZ	20.4750, 9.2040, 65.6631
YIQ	64.0370, 2.0010, 90.4250

# Conversions

## Conversions Part 2

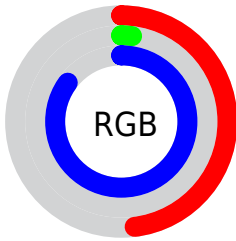
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 5, 216
Decimal	7996888
CIELab	36.37, 73.98, -78.67
CIELCh	36, 107.993, 313.239
Yxy	9.2040, 0.2148, 0.0965
Android (android.graphics.Color)	4286186968 (0xFF7A05D8)
YUV	64.0370, 74.9178, 50.8336
Hunter-Lab	30.3381, 67.3770, -107.0895

# Details

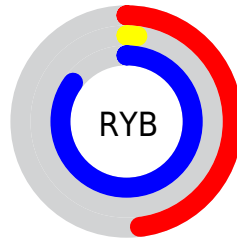
The Decimal color **7996888** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6543365**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **12013823**, and **3735712** is the 20% darker color. If you saturate the color by 10%, you get **7864536**, and if you desaturate by 10%, it is **8657880**.

# Distribution



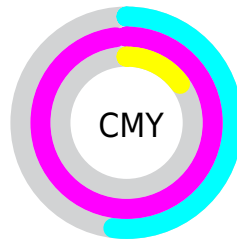
- Red (48%)
- Green (2%)
- Blue (85%)



- Red (48%)
- Yellow (2%)
- Blue (85%)



- Cyan (44%)
- Magenta (98%)
- Yellow (0%)
- Black (15%)






















- Cyan (52%)
- Magenta (98%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7996888 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 7996888 by changing the saturation by 10% instead.



 7996888	 7996888
 16777215	 5963963
 12013823	 3735712
 13987071	 393348
 16025855	 106
 16754175	 81
 16761599	 1337
 16769023	 546
 16776703	 8
	 0

■ 7996888

■ 7996888

■ 7864536

■ 8657880

■ 9253080

■ 9914072

■ 10509272

■ 11170264

■ 11831256

■ 12426456

■ 13087448

■ 13748184

# Harmonies

## Analogous

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



23039



7996888



13500554

# Triad

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



7996888



9387520



29308

# Complementary

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



7996888



6543365

# 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.



28444



7996888



4546048

# Square

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



7996888



12845056



27392



29902

# Rectangle

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



7996888



14549073



27392



29022



# Sweetspot

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



7996888



14595583



353496



7099264



0



8421504



# Same Dimension

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



7996888



9240831



14157261



6709355



6226091



1572907



# Inverse Universe

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



14157155



16711794



382992



7037029



11206732

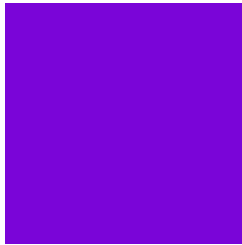


2818067



# Previews

## White Background



This preview shows how the Decimal color 7996888 looks on a white background.

## Color Contrast Check

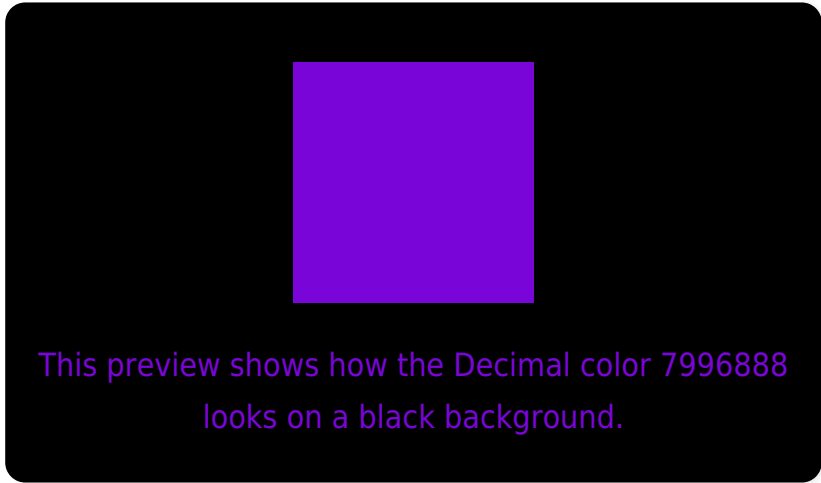
Large Text (above 18pt) WCAG AA ✓ Pass

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 7996888 Background



This preview shows how black text looks on a background with the Decimal color 7996888.



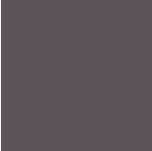
This preview shows how white text looks on a background with the Decimal color 7996888.

# 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**  
6116443

# Trichromacy



**Original Color**

7996888



**Protanomaly**

2897855



**Deuteranomaly**

2898863



**Tritanomaly**

6829960

# Monochromacy



**Original Color**

7996888



**Achromatopsia**

4210752



**Achromatomaly**

5581687

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7996888 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 #7A05D8 looks like.

```
.text, #text, p{  
  color:#7A05D8  
}
```

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 #7A05D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A05D8
}
```

## Border

The CSS property to change the border of an element to Decimal 7996888 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".

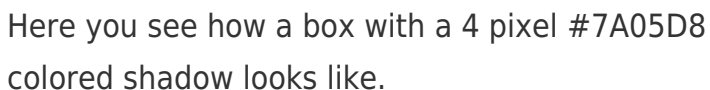
```
.border, #border, table{ border:4px solid
#7A05D8 }
```

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

```
.border{ border-color:#7A05D8 }
```

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

Here you see how a box with a 4 pixel #7A05D8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #7A05D8.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A05D8; -webkit-box-shadow:4px 4px  
4px 4px #7A05D8; box-shadow:4px 4px 4px  
4px #7A05D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7996888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A05D8 }
```

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

```
.background{ background-color:#7A05D8 }
```

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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