

# Converting Colors

Decimal(8267730)

Have a look what the booklet for  
Decimal(8267730) contains.

<b>Decimal(8267730)</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(8267730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E27D2
RGB	126, 39, 210
RGB Percent	49%, 15%, 82%
CMY	0.5059, 0.8471, 0.1765
CMYK	0.40, 0.81, 0.00, 0.18
HSL	271°, 69%, 49%
HSV	271°, 81%, 82%
XYZ	20.9626, 10.5398, 61.9023
YIQ	84.5070, -3.0390, 71.6250

# Conversions

## Conversions Part 2

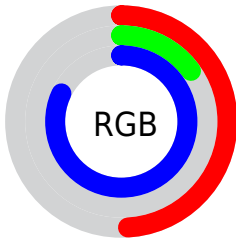
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 39, 210
Decimal	8267730
CIE Lab	38.79, 65.91, -71.21
CIE LCh	39, 97.031, 312.786
Yxy	10.5398, 0.2244, 0.1128
Android (android.graphics.Color)	4286457810 (0xFF7E27D2)
YUV	84.5070, 61.8680, 36.3894
Hunter-Lab	32.4651, 58.4429, -90.3248

# Details

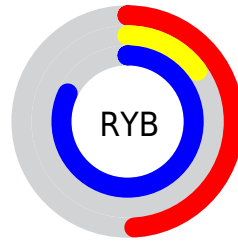
The Decimal color **8267730** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **8114727**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **12148991**, and **4259994** is the 20% darker color. If you saturate the color by 10%, you get **7606994**, and if you desaturate by 10%, it is **8928466**.

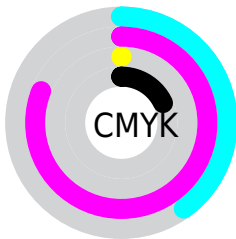
# Distribution



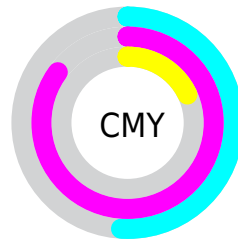
- Red (49%)
- Green (15%)
- Blue (82%)



- Red (49%)
- Yellow (15%)
- Blue (82%)



- Cyan (40%)
- Magenta (81%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (85%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8267730 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 8267730 by changing the saturation by 10% instead.



 8267730

 8267730

16777215

 6291638

 12148991

 4259994

 14121983

 1835135

 16095231

 101

 16757759

 76

 16765183

 1076

 16772607

 542

 0

 8267730

 8267730

■ 7606994

■ 8928466

■ 7012562

■ 9654738

■ 10315474

■ 10976210

■ 11702482

■ 12363218

■ 13023954

■ 13750226

■ 14410962

# Harmonies

## Analogous

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



24058



8267730



13238412

# Triad

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



8267730



9717248



30589

# Complementary

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



8267730



8114727

# 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.



29991



8267730



5333760

# Square

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



8267730



12845056



28672



30919

# Rectangle

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



8267730



14286936



28672



30561



# Sweetspot

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



8267730



14795519



2588114



7166848



0



8421504



# Same Dimension

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



8267730



8652287



13772754



6512233



5636264



1376297



# Inverse Universe

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



13772667



16713088



2609703



6905443



11010131

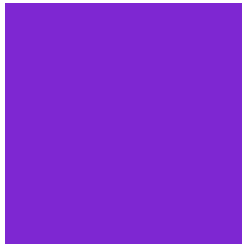


2686996



# Previews

## White Background



This preview shows how the Decimal color 8267730 looks on a white background.

## Color Contrast Check

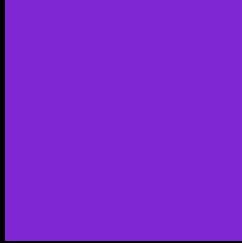
Large Text (above 18pt) WCAG AA ✓ Pass

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 8267730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

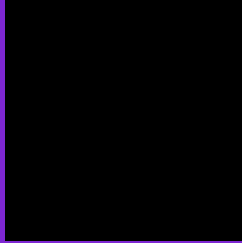
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8267730 Background



This preview shows how black text looks on a background with the Decimal color 8267730.

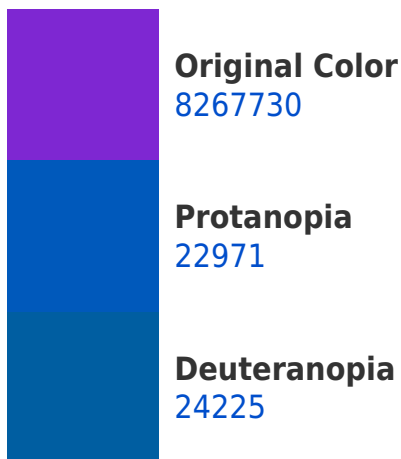


This preview shows how white text looks on a background with the Decimal color 8267730.

# 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**  
6641759

# Trichromacy



**Original Color**  
8267730



**Protanomaly**  
3033027



**Deuteranomaly**  
3033779



**Tritanomaly**  
7227017

# Monochromacy



**Original Color**  
8267730



**Achromatopsia**  
5592405



**Achromatomaly**  
6571138

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8267730 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 #7E27D2 looks like.

```
.text, #text, p{  
    color:#7E27D2  
}
```

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 #7E27D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E27D2
}
```

## Border

The CSS property to change the border of an element to Decimal 8267730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

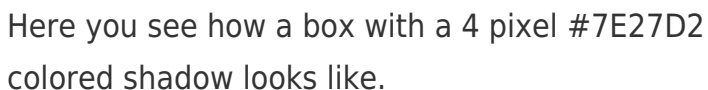
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E27D2 }
```

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

```
.border{ border-color:#7E27D2 }
```

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



Here you see how a box with a 4 pixel #7E27D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E27D2; -webkit-box-shadow:4px 4px  
4px 4px #7E27D2; box-shadow:4px 4px 4px  
4px #7E27D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8267730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E27D2 }
```

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

```
.background{ background-color:#7E27D2 }
```

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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