

# Converting Colors

Decimal(8196765)

Have a look what the booklet for  
Decimal(8196765) contains.

<b>Decimal(8196765)</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> .....	28

**Color**

**Decimal(8196765)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D129D
RGB	125, 18, 157
RGB Percent	49%, 7%, 62%
CMY	0.5098, 0.9294, 0.3843
CMYK	0.20, 0.89, 0.00, 0.38
HSL	286°, 79%, 34%
HSV	286°, 89%, 62%
XYZ	14.7596, 7.2269, 32.5153
YIQ	65.8390, 19.1530, 65.9130

# Conversions

## Conversions Part 2

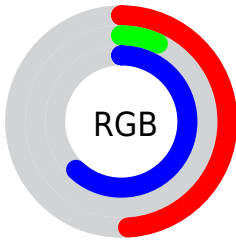
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 18, 157
Decimal	8196765
CIE <sub>Lab</sub>	32.32, 60.48, -50.38
CIE <sub>LCh</sub>	32, 78.713, 320.210
Yxy	7.2269, 0.2708, 0.1326
Android (android.graphics.Color)	4286386845 (0xFF7D129D)
YUV	65.8390, 44.9424, 51.8842
Hunter-Lab	26.8829, 50.9570, -52.8942

# Details

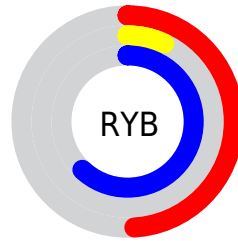
The Decimal color **8196765** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3317010**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **11948244**, and **4587625** is the 20% darker color. If you saturate the color by 10%, you get **7930525**, and if you desaturate by 10%, it is **8463005**.

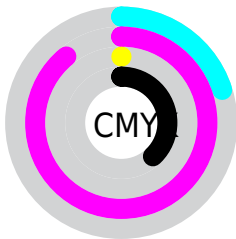
# Distribution



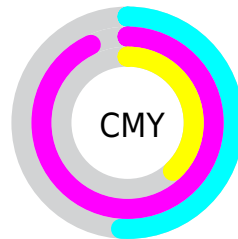
- Red (49%)
- Green (7%)
- Blue (62%)



- Red (49%)
- Yellow (7%)
- Blue (62%)



- Cyan (20%)
- Magenta (89%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (93%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8196765 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 8196765 by changing the saturation by 10% instead.



 8196765

 8196765

16777215

 6357122

 11948244

 4587625

 13855985

 2883664

 15763455

 720952

 16753663

 545

 16760831

 6

 16768255

 0

 16775679

 8196765

 8196765

■ 7930525

■ 8463005

■ 7930013

■ 8663453

■ 8929693

■ 9130397

■ 9396637

■ 9662621

■ 9863325

■ 10129565

■ 10395549

# Harmonies

## Analogous

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



18116



8196765



11141219

# Triad

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



8196765



7226112



25462

# Complementary

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



8196765



3317010

# 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.



25141



8196765



3495168

# Square

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



8196765



9967104



24064



25260

# Rectangle

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



8196765



11599931



24064



25441



# Sweetspot

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



8196765



12555724



1192605



6178150



15132390



6710886



# Same Dimension

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



8196765



10289356



10293880



5064527



7209103



786447



# Inverse Universe

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



10293810



13369391



1219895



5195593



9371681



983044



# Previews

## White Background



This preview shows how the Decimal color 8196765 looks on a white background.

## Color Contrast Check

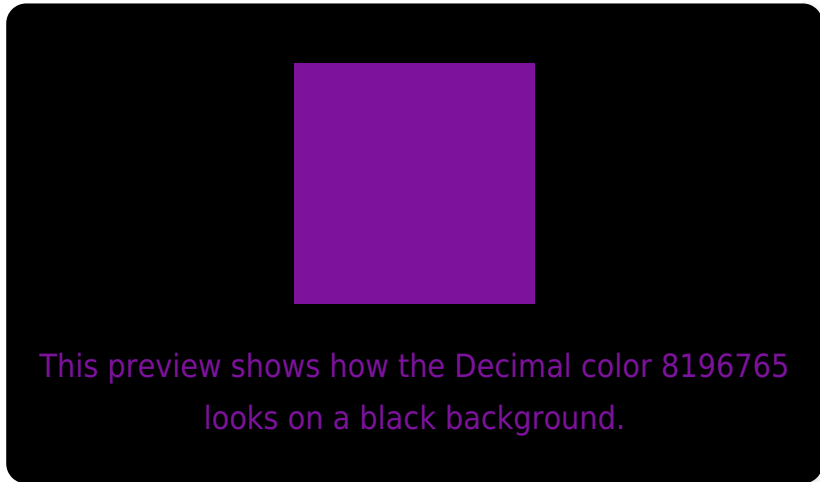
Large Text (above 18pt) WCAG AA ✓ Pass

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

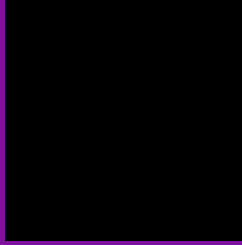
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8196765 Background



This preview shows how black text looks on a background with the Decimal color 8196765.



This preview shows how white text looks on a background with the Decimal color 8196765.

# 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**  
8196765

**Protanomaly**  
2963102

**Tritanomaly**  
7679844

# Monochromacy



**Original Color**  
8196765

**Achromatopsia**  
4342338

**Achromatomaly**  
5714275

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8196765 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 #7D129D looks like.

```
.text, #text, p{  
    color:#7D129D  
}
```

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 #7D129D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D129D
}
```

## Border

The CSS property to change the border of an element to Decimal 8196765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

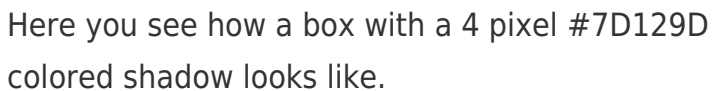
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D129D }
```

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

```
.border{ border-color:#7D129D }
```

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



Here you see how a box with a 4 pixel #7D129D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D129D; -webkit-box-shadow:4px 4px  
4px 4px #7D129D; box-shadow:4px 4px 4px  
4px #7D129D }
```

# Background

The CSS property to change the background color of an element to Decimal 8196765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D129D }
```

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

```
.background{ background-color:#7D129D }
```

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