

# Converting Colors

Decimal(8261012)

Have a look what the booklet for  
Decimal(8261012) contains.

<b>Decimal(8261012)</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(8261012)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E0D94
RGB	126, 13, 148
RGB Percent	49%, 5%, 58%
CMY	0.5059, 0.9490, 0.4196
CMYK	0.15, 0.91, 0.00, 0.42
HSL	290°, 84%, 32%
HSV	290°, 91%, 58%
XYZ	14.0934, 6.8616, 28.5986
YIQ	62.1770, 24.0130, 65.9410

# Conversions

## Conversions Part 2

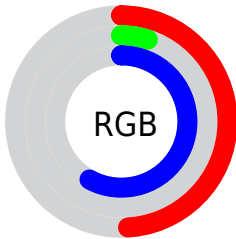
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 13, 148
Decimal	8261012
CIE <sub>Lab</sub>	31.49, 59.95, -46.20
CIE <sub>LCh</sub>	31, 75.687, 322.377
Yxy	6.8616, 0.2844, 0.1385
Android (android.graphics.Color)	4286451092 (0xFF7E0D94)
YUV	62.1770, 42.3107, 55.9728
Hunter-Lab	26.1946, 50.1971, -46.3950

# Details

The Decimal color **8261012** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2331661**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **11947723**, and **4653152** is the 20% darker color. If you saturate the color by 10%, you get **8126612**, and if you desaturate by 10%, it is **8395924**.

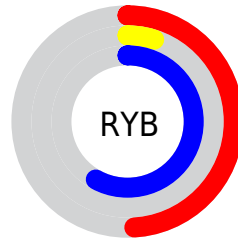
# Distribution



Red (49%)

Green (5%)

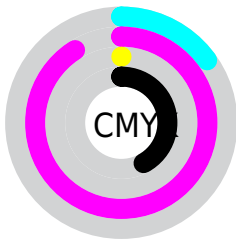
Blue (58%)



Red (49%)

Yellow (5%)

Blue (58%)

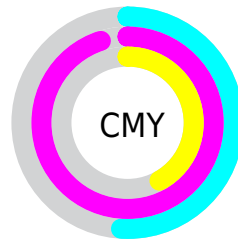


Cyan (15%)

Magenta (91%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (95%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8261012 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 8261012 by changing the saturation by 10% instead.



 8261012

 8261012

16777215

 6488186

 11947723

 4653152

 13855207

 3080264

 15828479

 917552

 16752895

 282

 16760319

 0

 16767743

 16775167

 8261012

 8261012

8126612

8395924

8596372

8731028

8931476

9066388

9201300

9401748

9536404

9736852

# Harmonies

## Analogous

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



17083



8261012



10879068

# Triad

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



8261012



6832896



24950

# Complementary

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



8261012



2331661

# 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.



24377



8261012



3101696

# Square

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



8261012



9510144



23552



24489

# Rectangle

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



8261012



11206709



23552



24674



# Sweetspot

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



8261012



12029119



861332



6046305



14737632



6381921



# Same Dimension

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



8261012



10485951



9702759



4801354



7536778



589834



# Inverse Universe

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



9702691



12517407



889914



4866884



9043990

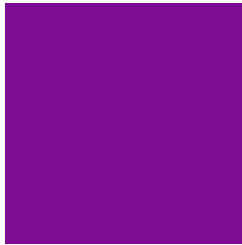


655362



# Previews

## White Background



This preview shows how the Decimal color 8261012 looks on a white background.

## Color Contrast Check

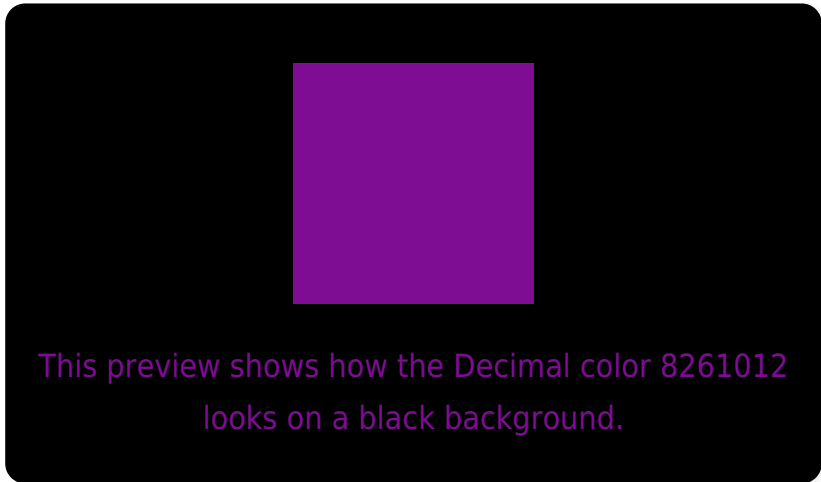
Large Text (above 18pt) WCAG AA ✓ Pass

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

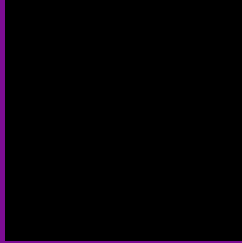
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8261012 Background



This preview shows how black text looks on a background with the Decimal color 8261012.

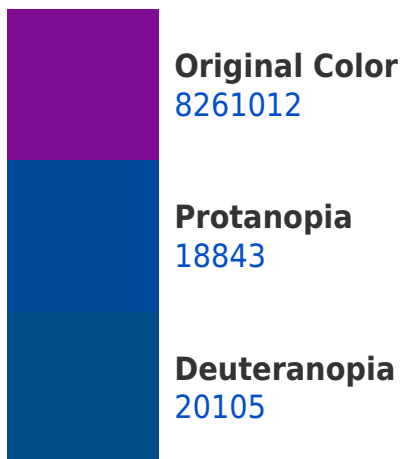


This preview shows how white text looks on a background with the Decimal color 8261012.

# 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**  
7551807

# Trichromacy



**Original Color**  
8261012



**Protanomaly**  
3027864



**Deuteranomaly**  
3028621



**Tritanomaly**  
7809630

# Monochromacy



**Original Color**  
8261012



**Achromatopsia**  
4079166



**Achromatomaly**  
5581917

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8261012 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 #7E0D94 looks like.

```
.text, #text, p{  
    color:#7E0D94  
}
```

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 #7E0D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E0D94
}
```

## Border

The CSS property to change the border of an element to Decimal 8261012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

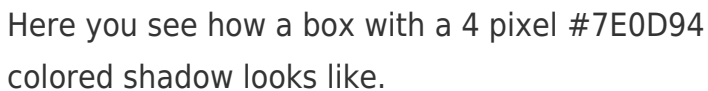
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E0D94 }
```

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

```
.border{ border-color:#7E0D94 }
```

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



Here you see how a box with a 4 pixel #7E0D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E0D94; -webkit-box-shadow:4px 4px  
4px 4px #7E0D94; box-shadow:4px 4px 4px  
4px #7E0D94 }
```

# Background

The CSS property to change the background color of an element to Decimal 8261012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E0D94 }
```

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

```
.background{ background-color:#7E0D94 }
```

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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