

# Converting Colors

Decimal(8720254)

Have a look what the booklet for  
Decimal(8720254) contains.

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**Color**

**Decimal(8720254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	850F7E
RGB	133, 15, 126
RGB Percent	52%, 6%, 49%
CMY	0.4784, 0.9412, 0.5059
CMYK	0.00, 0.89, 0.05, 0.48
HSL	304°, 80%, 29%
HSV	304°, 89%, 52%
XYZ	13.6096, 6.8346, 20.3406
YIQ	62.9360, 34.6970, 59.5370

# Conversions

## Conversions Part 2

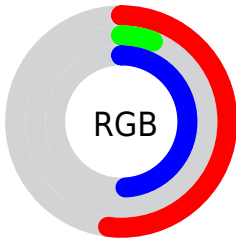
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 15, 126
Decimal	8720254
CIE <sub>Lab</sub>	31.43, 57.15, -32.56
CIE <sub>LCh</sub>	31, 65.777, 330.330
Yxy	6.8346, 0.3337, 0.1676
Android (android.graphics.Color)	4286910334 (0xFF850F7E)
YUV	62.9360, 31.0906, 61.4461
Hunter-Lab	26.1430, 47.1738, -27.8305




# Details

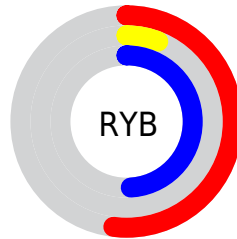
The Decimal color **8720254** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1017110**, and the grayscale version is **4144959**.




A 20% lighter version of the original color is **12406451**, and **5177420** is the 20% darker color. If you saturate the color by 10%, you get **8716925**, and if you desaturate by 10%, it is **8723583**.

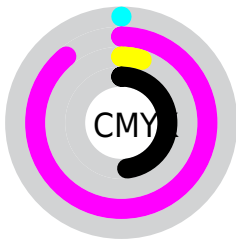
# Distribution







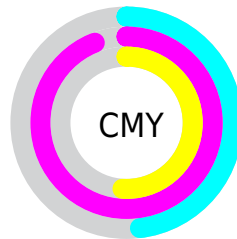
-  Red (52%)
-  Green (6%)
-  Blue (49%)






-  Red (52%)
-  Yellow (6%)
-  Blue (49%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (5%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (94%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8720254 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 8720254 by changing the saturation by 10% instead.



8720254

8720254

16777215

6946917

12406451

5177420

14314191

3604533

16287211

1638431

16753151

1

16760319

0

16767743

16775167

8720254

8720254

■ 8716925

■ 8723583

■ 8716413

■ 8727168

■ 8730496

■ 8733825

■ 8737410

■ 8740739

■ 8744068

■ 8747396

■ 8750981

# Harmonies

## Analogous

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



3947429



8720254



10420300

# Triad

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



8720254



5982208



24189

# Complementary

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



8720254



1017110

# 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.



24137



8720254



2446592

# Square

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



8720254



8532224



23310



23717

# Rectangle

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



8720254



10420266



23310



24429



# Sweetspot

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



8720254



11370411



1380229



5716821



14079702



5723991



# Same Dimension

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



8720254



11337891



8720196



4340802



8519802



196610



# Inverse Universe

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



8720254



11337891



1017168



4340802



8519802



196610



# Previews

## White Background



This preview shows how the Decimal color 8720254 looks on a white background.

## Color Contrast Check

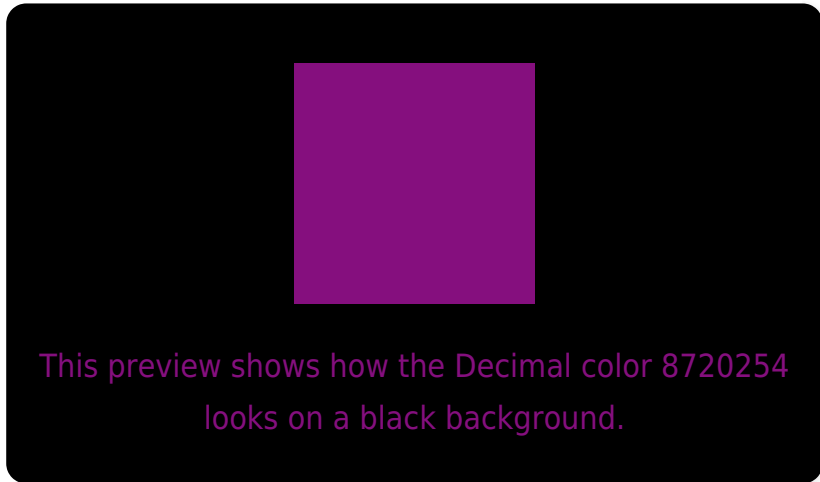
Large Text (above 18pt) WCAG AA ✓ Pass

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

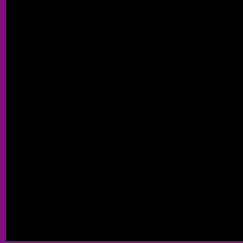
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8720254 Background



This preview shows how black text looks on a background with the Decimal color 8720254.



This preview shows how white text looks on a background with the Decimal color 8720254.

# 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**  
8270646

# Trichromacy



**Original Color**  
8720254



**Protanomaly**  
3159184



**Deuteranomaly**  
5387898



**Tritanomaly**  
8463952

# Monochromacy



**Original Color**  
8720254



**Achromatopsia**  
4144959



**Achromatomaly**  
5779030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8720254 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 #850F7E looks like.

```
.text, #text, p{  
  color:#850F7E  
}
```

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 #850F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850F7E
}
```

## Border

The CSS property to change the border of an element to Decimal 8720254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

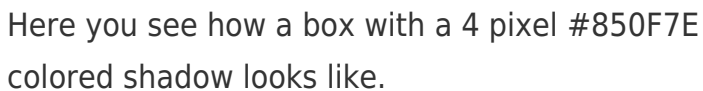
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#850F7E }
```

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

```
.border{ border-color:#850F7E }
```

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



Here you see how a box with a 4 pixel #850F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850F7E; -webkit-box-shadow:4px 4px  
4px 4px #850F7E; box-shadow:4px 4px 4px  
4px #850F7E }
```

# Background

The CSS property to change the background color of an element to Decimal 8720254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850F7E }
```

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

```
.background{ background-color:#850F7E }
```

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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