

# Converting Colors

Decimal(8731792)

Have a look what the booklet for  
Decimal(8731792) contains.

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**Color**

**Decimal(8731792)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853C90
RGB	133, 60, 144
RGB Percent	52%, 24%, 56%
CMY	0.4784, 0.7647, 0.4353
CMYK	0.08, 0.58, 0.00, 0.44
HSL	292°, 41%, 40%
HSV	292°, 58%, 56%
XYZ	16.3228, 10.2319, 27.5002
YIQ	91.4030, 16.5440, 41.6000

# Conversions

## Conversions Part 2

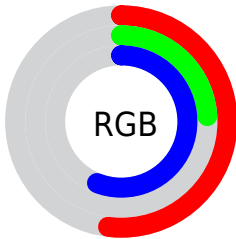
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 60, 144
Decimal	8731792
CIE <sub>Lab</sub>	38.26, 44.06, -32.88
CIE <sub>LCh</sub>	38, 54.976, 323.270
Yxy	10.2319, 0.3020, 0.1893
Android (android.graphics.Color)	4286921872 (0xFF853C90)
YUV	91.4030, 25.9303, 36.4806
Hunter-Lab	31.9873, 35.1088, -28.5818

# Details

The Decimal color **8731792** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4689980**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **12349382**, and **5309277** is the 20% darker color. If you saturate the color by 10%, you get **8597136**, and if you desaturate by 10%, it is **8866448**.

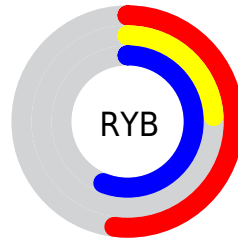
# Distribution



Red (52%)

Green (24%)

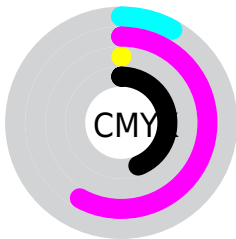
Blue (56%)



Red (52%)

Yellow (24%)

Blue (56%)

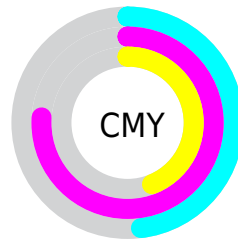


Cyan (8%)

Magenta (58%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (76%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8731792 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 8731792 by changing the saturation by 10% instead.





8731792



8731792

16777215



6955638



12349382



5309277



14256866



3604549



16164351



2228270



16761343



280



16768511



0



16775935



8731792



8731792



8597136



8866448

■ 8462224

■ 9001360

■ 8327568

■ 9136016

■ 8192656

■ 9270928

■ 8192144

■ 9340048

■ 9474704

■ 9609616

■ 9744272

■ 9879184

# Harmonies

## Analogous

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



4215725



8731792



10692454

# Triad

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



8731792



7755008



28284

# Complementary

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



8731792



4689980

# 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.



27982



8731792



5005824

# Square

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



8731792



9781519



27168



27553

# Rectangle

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



8731792



11020104



27168



28269



# Sweetspot

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



8731792



11966906



3950480



6048350



14606046



6184542



# Same Dimension

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



8731792



11090106



9452657



4603975



7667847



458760



# Inverse Universe

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



9452615



12204105



3969115



4669505



8847378



524289



# Previews

## White Background



This preview shows how the Decimal color 8731792 looks on a white background.

## Color Contrast Check

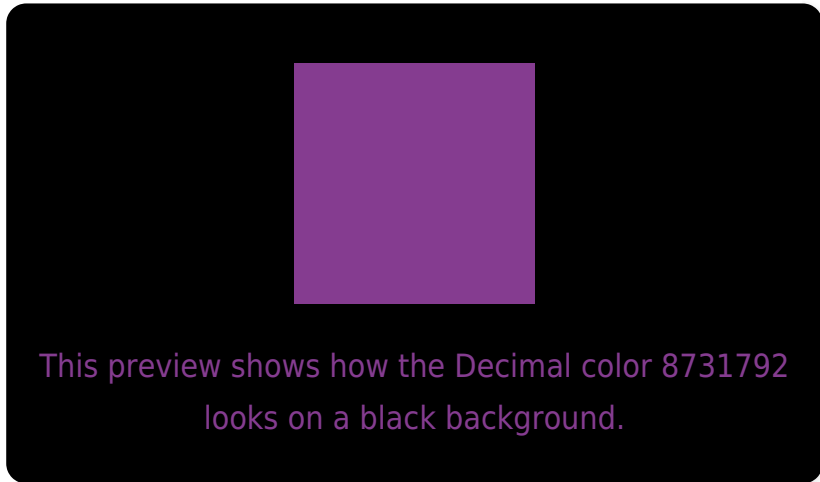
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

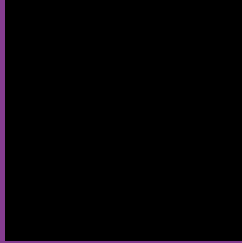
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8731792 Background



This preview shows how black text looks on a background with the Decimal color 8731792.



This preview shows how white text looks on a background with the Decimal color 8731792.

# 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**  
8211795

# Trichromacy



**Original Color**  
8731792

**Protanomaly**  
5131937

**Deuteranomaly**  
5984141

**Tritanomaly**  
8406889

# Monochromacy



**Original Color**  
8731792

**Achromatopsia**  
5987163

**Achromatomaly**  
6967406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8731792 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 #853C90 looks like.

```
.text, #text, p{  
    color:#853C90  
}
```

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 #853C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853C90
}
```

## Border

The CSS property to change the border of an element to Decimal 8731792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

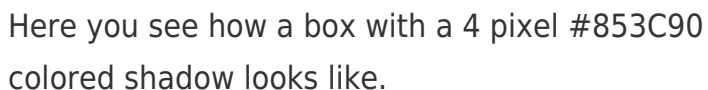
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853C90 }
```

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

```
.border{ border-color:#853C90 }
```

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



Here you see how a box with a 4 pixel #853C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853C90; -webkit-box-shadow:4px 4px  
4px 4px #853C90; box-shadow:4px 4px 4px  
4px #853C90 }
```

# Background

The CSS property to change the background color of an element to Decimal 8731792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853C90 }
```

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

```
.background{ background-color:#853C90 }
```

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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