

# Converting Colors

Decimal(9058930)

Have a look what the booklet for  
Decimal(9058930) contains.

<b>Decimal(9058930)</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(9058930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A3A72
RGB	138, 58, 114
RGB Percent	54%, 23%, 45%
CMY	0.4588, 0.7725, 0.5529
CMYK	0.00, 0.58, 0.17, 0.46
HSL	318°, 41%, 38%
HSV	318°, 58%, 54%
XYZ	15.0316, 9.6443, 16.9889
YIQ	88.3040, 29.7040, 34.3760

# Conversions

## Conversions Part 2

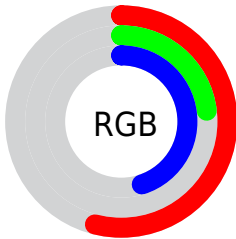
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 58, 114
Decimal	9058930
CIE <sub>Lab</sub>	37.20, 41.10, -15.95
CIE <sub>LCh</sub>	37, 44.084, 338.784
Yxy	9.6443, 0.3608, 0.2315
Android (android.graphics.Color)	4287249010 (0xFF8A3A72)
YUV	88.3040, 12.6681, 43.5834
Hunter-Lab	31.0553, 32.0519, -10.6961

# Details

The Decimal color **9058930** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3836498**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **12676518**, and **5570626** is the 20% darker color. If you saturate the color by 10%, you get **9055342**, and if you desaturate by 10%, it is **9062518**.

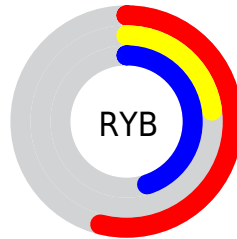
# Distribution



Red (54%)

Green (23%)

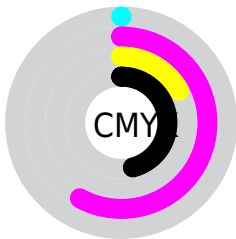
Blue (45%)



Red (54%)

Yellow (23%)

Blue (45%)

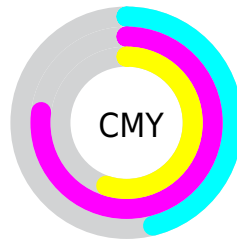


Cyan (0%)

Magenta (58%)

Yellow (17%)

Black (46%)



Cyan (46%)

Magenta (77%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9058930 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 9058930 by changing the saturation by 10% instead.



 9058930

 9058930

16777215

 7282777

 12676518

 5570626

 14584001

 3932204

 16491485

 2490391

 16760570

 0

 16767999

 16775423

 9058930

 9058930

 9055342

 9062518

9051754

9066106

9048422

9069438

9044833

9073027

9044065

9076615

9080203

9083791

9087123

9090711

# Harmonies

## Analogous

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



6703503



9058930



9909327

# Triad

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



9058930



6314243



26499

# Complementary

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



9058930



3836498

# 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.



26721



9058930



3760667

# Square

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



9058930



8211472



26428



25242

# Rectangle

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



9058930



9779511



26428



26745



# Sweetspot

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



9058930



11769001



5388938



5850964



14277081



5855577



# Same Dimension

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



9058930



11744909



9058890



4537923



8716381



327684



# Inverse Universe

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



9058930



11744909



3836538



4537923



8716381



327684



# Previews

## White Background



This preview shows how the Decimal color 9058930 looks on a white background.

## Color Contrast Check

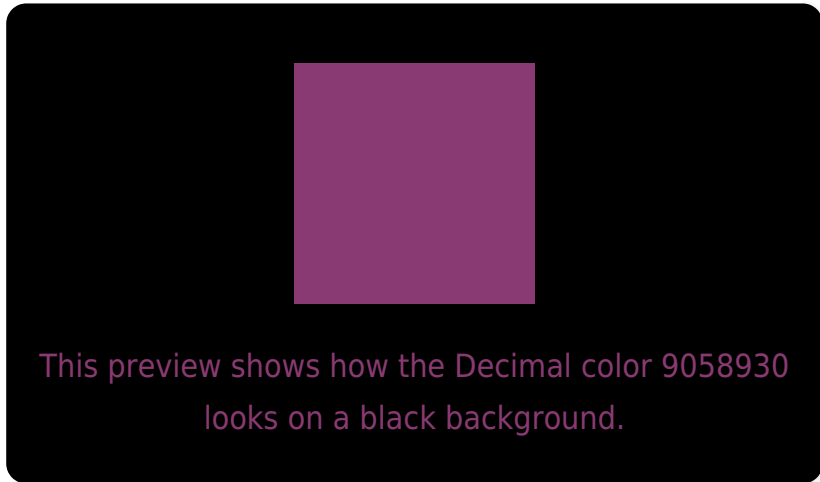
Large Text (above 18pt) WCAG AA ✓ Pass

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

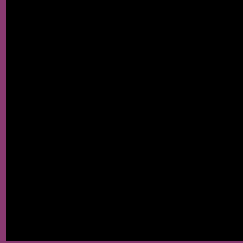
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9058930 Background



This preview shows how black text looks on a background with the Decimal color 9058930.



This preview shows how white text looks on a background with the Decimal color 9058930.

# 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



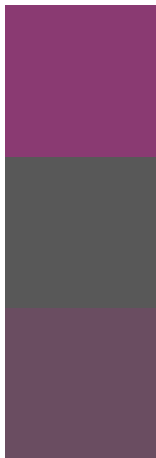
**Original Color**  
9058930

**Protanomaly**  
6245504

**Deuteranomaly**  
6900847

**Tritanomaly**  
8863832

# Monochromacy



**Original Color**  
9058930

**Achromatopsia**  
5789784

**Achromatomaly**  
6966625

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9058930 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 #8A3A72 looks like.

```
.text, #text, p{  
  color:#8A3A72  
}
```

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 #8A3A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3A72
}
```

## Border

The CSS property to change the border of an element to Decimal 9058930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

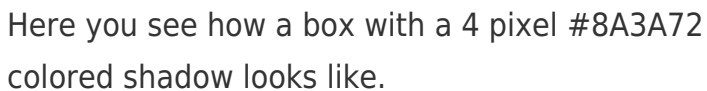
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3A72 }
```

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

```
.border{ border-color:#8A3A72 }
```

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



Here you see how a box with a 4 pixel #8A3A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3A72; -webkit-box-shadow:4px 4px  
4px 4px #8A3A72; box-shadow:4px 4px 4px  
4px #8A3A72 }
```

# Background

The CSS property to change the background color of an element to Decimal 9058930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3A72 }
```

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

```
.background{ background-color:#8A3A72 }
```

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