

# Converting Colors

Decimal(9060746)

Have a look what the booklet for  
Decimal(9060746) contains.

<b>Decimal(9060746)</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(9060746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A418A
RGB	138, 65, 138
RGB Percent	54%, 25%, 54%
CMY	0.4588, 0.7451, 0.4588
CMYK	0.00, 0.53, 0.00, 0.46
HSL	300°, 36%, 40%
HSV	300°, 53%, 54%
XYZ	16.9590, 11.0188, 25.2778
YIQ	95.1490, 20.0750, 38.1790

# Conversions

## Conversions Part 2

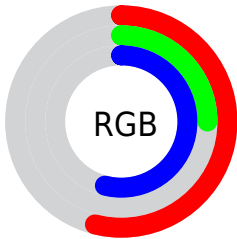
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 65, 138
Decimal	9060746
CIE <sub>Lab</sub>	39.61, 41.78, -27.04
CIE <sub>LCh</sub>	40, 49.764, 327.091
Yxy	11.0188, 0.3184, 0.2069
Android (android.graphics.Color)	4287250826 (0xFF8A418A)
YUV	95.1490, 21.1255, 37.5803
Hunter-Lab	33.1946, 33.1041, -21.9132

# Details

The Decimal color **9060746** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4295233**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **12678336**, and **5639000** is the 20% darker color. If you saturate the color by 10%, you get **9057162**, and if you desaturate by 10%, it is **9064330**.

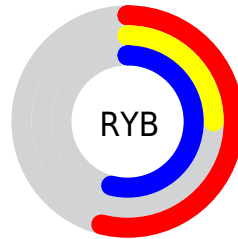
# Distribution



Red (54%)

Green (25%)

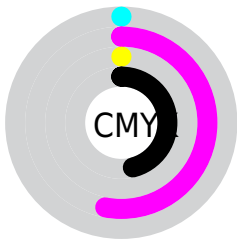
Blue (54%)



Red (54%)

Yellow (25%)

Blue (54%)

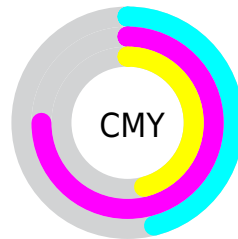


Cyan (0%)

Magenta (53%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9060746 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 9060746 by changing the saturation by 10% instead.





9060746



9060746

16777215



7284848



12678336



5639000



14585820



3932224



16493304



2621482



16762623



275



16769791



0



9060746



9060746



9057162



9064330



9053578



9067914

9050250

9071242

9046666

9074826

9044106

9078410

9081994

9085578

9088906

9092490

# Harmonies

## Analogous

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



5526694



9060746



10629987

# Triad

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



9060746



7625216



28801

# Complementary

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



9060746



4295233

# 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.



28760



9060746



5072389

# Square

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



9060746



9587223



27694



27809

# Rectangle

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



9060746



10827080



27694



28788



# Sweetspot

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



9060746



11769523



4276618



5851225



14277081



5855577



# Same Dimension

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



9060746



11748019



9060709



4537925



8716421



327685



# Inverse Universe

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



9060746



11748019



4295269



4537925



8716421

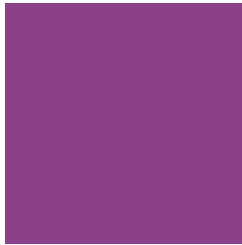


327685



# Previews

## White Background



This preview shows how the Decimal color 9060746 looks on a white background.

## Color Contrast Check

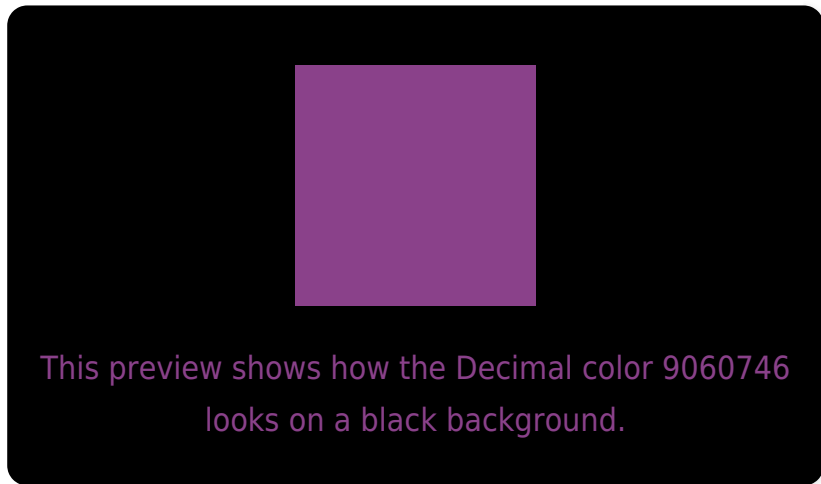
Large Text (above 18pt) WCAG AA ✓ Pass

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

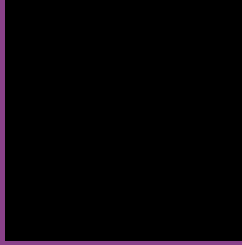
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9060746 Background



This preview shows how black text looks on a background with the Decimal color 9060746.




This preview shows how white text looks on a background with the Decimal color 9060746.

# 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**  
8605524

# Trichromacy



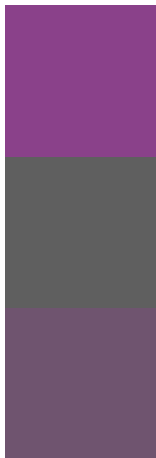
**Original Color**  
9060746

**Protanomaly**  
5984921

**Deuteranomaly**  
6640519

**Tritanomaly**  
8800872

# Monochromacy



**Original Color**  
9060746

**Achromatopsia**  
6250335

**Achromatomaly**  
7296111

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9060746 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 #8A418A looks like.

```
.text, #text, p{  
    color:#8A418A  
}
```

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 #8A418A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A418A
}
```

## Border

The CSS property to change the border of an element to Decimal 9060746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

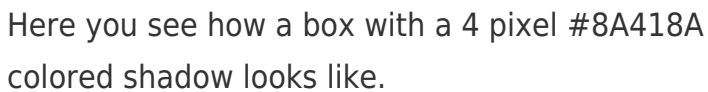
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A418A }
```

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

```
.border{ border-color:#8A418A }
```

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



Here you see how a box with a 4 pixel #8A418A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A418A; -webkit-box-shadow:4px 4px  
4px 4px #8A418A; box-shadow:4px 4px 4px  
4px #8A418A }
```

# Background

The CSS property to change the background color of an element to Decimal 9060746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A418A }
```

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

```
.background{ background-color:#8A418A }
```

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