

# Converting Colors

Decimal(9046228)

Have a look what the booklet for  
Decimal(9046228) contains.

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**Color**

**Decimal(9046228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A08D4
RGB	138, 8, 212
RGB Percent	54%, 3%, 83%
CMY	0.4588, 0.9686, 0.1686
CMYK	0.35, 0.96, 0.00, 0.17
HSL	278°, 93%, 43%
HSV	278°, 96%, 83%
XYZ	22.4517, 10.3304, 63.0980
YIQ	70.1260, 11.9960, 91.0040

# Conversions

## Conversions Part 2

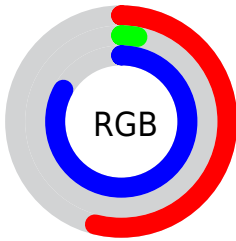
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 8, 212
Decimal	9046228
CIE Lab	38.43, 74.47, -72.90
CIE LCh	38, 104.215, 315.612
Yxy	10.3304, 0.2342, 0.1077
Android (android.graphics.Color)	4287236308 (0xFF8A08D4)
YUV	70.1260, 69.9439, 59.5255
Hunter-Lab	32.1409, 68.4427, -93.8974

# Details

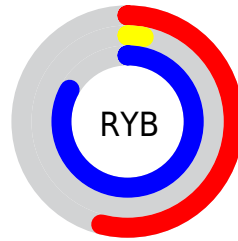
The Decimal color **9046228** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **5428232**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **12997631**, and **5111964** is the 20% darker color. If you saturate the color by 10%, you get **8847572**, and if you desaturate by 10%, it is **9575892**.

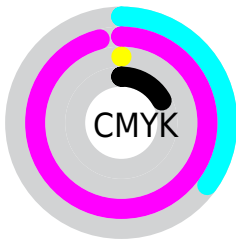
# Distribution



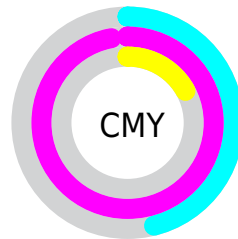
- Red (54%)
- Green (3%)
- Blue (83%)



- Red (54%)
- Yellow (3%)
- Blue (83%)



- Cyan (35%)
- Magenta (96%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (97%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9046228 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 9046228 by changing the saturation by 10% instead.



9046228

9046228

16777215

7078072

12997631

5111964

14971135

2883713

16747775

103

16755199

78

16762623

1334

16770047

543

3

0

■ 9046228

■ 9046228

■ 8847572

■ 9575892

■ 10040020

■ 10569940

■ 11099604

■ 11563732

■ 12093396

■ 12623060

■ 13152980

■ 13617108

# Harmonies

## Analogous

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



23295



9046228



13893767

# Triad

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



9046228



9455360



30855

# Complementary

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



9046228



5428232

# 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.



29996



9046228



4482304

# Square

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



9046228



12910592



28672



31189

# Rectangle

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



9046228



14745680



28672



30569



# Sweetspot

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



9046228



14988799



545748



7295872



0



8421504



# Same Dimension

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



9046228



10617087



13895865



6774891



7143595



1835051



# Inverse Universe

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



13895762



16711773



578595



7037028



11206718



2818064



# Previews

## White Background



This preview shows how the Decimal color 9046228 looks on a white background.

## Color Contrast Check

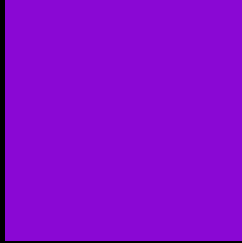
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 9046228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

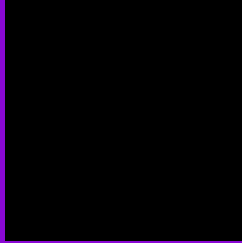
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9046228 Background



This preview shows how black text looks on a background with the Decimal color 9046228.



This preview shows how white text looks on a background with the Decimal color 9046228.

# 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**  
9046228

**Deuteranomaly**  
3293108

**Tritanomaly**  
8075398

# Monochromacy



**Original Color**  
9046228

**Achromatopsia**  
4605510

**Achromatomaly**  
6238074

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9046228 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 #8A08D4 looks like.

```
.text, #text, p{  
    color:#8A08D4  
}
```

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 #8A08D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A08D4
}
```

## Border

The CSS property to change the border of an element to Decimal 9046228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

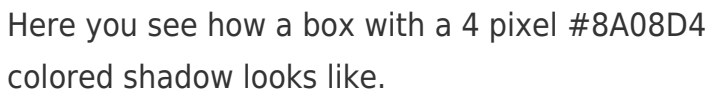
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A08D4 }
```

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

```
.border{ border-color:#8A08D4 }
```

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



Here you see how a box with a 4 pixel #8A08D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A08D4; -webkit-box-shadow:4px 4px  
4px 4px #8A08D4; box-shadow:4px 4px 4px  
4px #8A08D4 }
```

# Background

The CSS property to change the background color of an element to Decimal 9046228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A08D4 }
```

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

```
.background{ background-color:#8A08D4 }
```

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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