

# Converting Colors

Decimal(8984253)

Have a look what the booklet for  
Decimal(8984253) contains.

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**Color**

**Decimal(8984253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8916BD
RGB	137, 22, 189
RGB Percent	54%, 9%, 74%
CMY	0.4627, 0.9137, 0.2588
CMYK	0.28, 0.88, 0.00, 0.26
HSL	281°, 79%, 41%
HSV	281°, 88%, 74%
XYZ	19.7887, 9.5663, 48.9476
YIQ	75.4230, 14.9330, 76.3170

# Conversions

## Conversions Part 2

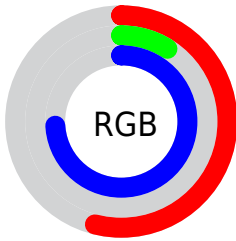
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 22, 189
Decimal	8984253
CIELab	37.05, 67.67, -61.74
CIElCh	37, 91.603, 317.623
Yxy	9.5663, 0.2527, 0.1222
Android (android.graphics.Color)	4287174333 (0xFF8916BD)
YUV	75.4230, 55.9935, 54.0030
Hunter-Lab	30.9294, 60.0783, -72.1792

# Details

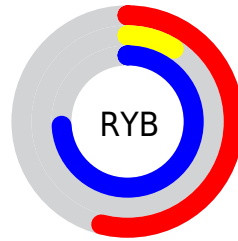
The Decimal color **8984253** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4898070**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **12801782**, and **5243014** is the 20% darker color. If you saturate the color by 10%, you get **8586173**, and if you desaturate by 10%, it is **9382333**.

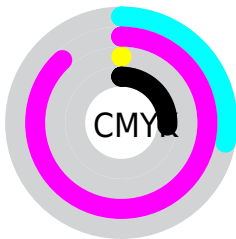
# Distribution



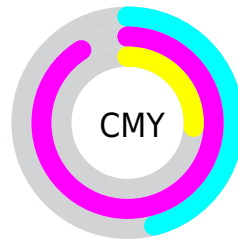
- Red (54%)
- Green (9%)
- Blue (74%)



- Red (54%)
- Yellow (9%)
- Blue (74%)



- Cyan (28%)
- Magenta (88%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (91%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8984253 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 8984253 by changing the saturation by 10% instead.



8984253

8984253

16777215

7078049

12801782

5243014

14775039

3276908

16748287

1245267

16755711

59

16762879

548

16770303

12

0

8984253

8984253

■ 8586173

■ 9382333

■ 8519869

■ 9780413

■ 10178493

■ 10576573

■ 10909117

■ 11306941

■ 11705021

■ 12103101

■ 12501181

# Harmonies

## Analogous

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



21480



8984253



12845177

# Triad

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



8984253



8669440



29315

# Complementary

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



8984253



4898070

# 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.



28724



8984253



4284672

# Square

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



8984253



11796480



27648



29382

# Rectangle

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



8984253



13566025



27648



29033



# Sweetspot

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



8984253



14726133



1461181



7230330



16448250



8026746



# Same Dimension

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



8984253



11075829



12392094



5985630



7143582



1376287



# Inverse Universe

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



12392010



16056396



1490229



6182232



10354737



2031626



# Previews

## White Background



This preview shows how the Decimal color 8984253 looks on a white background.

## Color Contrast Check

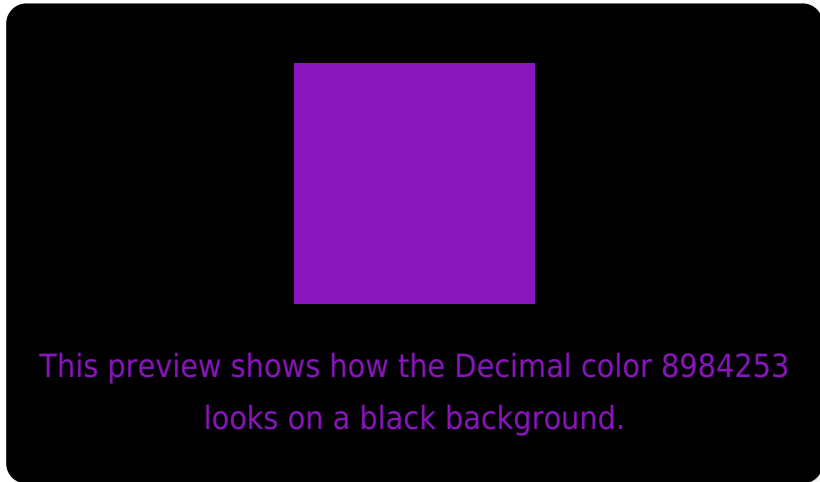
Large Text (above 18pt) WCAG AA ✓ Pass

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

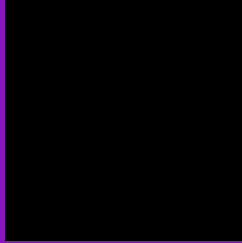
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8984253 Background



This preview shows how black text looks on a background with the Decimal color 8984253.



This preview shows how white text looks on a background with the Decimal color 8984253.

# 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**  
8984253



**Protanomaly**  
3292855

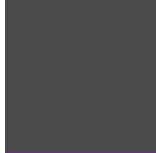


**Tritanomaly**  
8271993

# Monochromacy



**Original Color**  
8984253



**Achromatopsia**  
4934475



**Achromatomaly**  
6436980

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8984253 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 #8916BD looks like.

```
.text, #text, p{  
    color:#8916BD  
}
```

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 #8916BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8916BD
}
```

## Border

The CSS property to change the border of an element to Decimal 8984253 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".

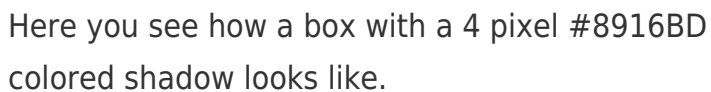
```
.border, #border, table{ border:4px solid
#8916BD }
```

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

```
.border{ border-color:#8916BD }
```

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

Here you see how a box with a 4 pixel #8916BD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8916BD; -webkit-box-shadow:4px 4px  
4px 4px #8916BD; box-shadow:4px 4px 4px  
4px #8916BD }
```

# Background

The CSS property to change the background color of an element to Decimal 8984253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8916BD }
```

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

```
.background{ background-color:#8916BD }
```

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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