

# Converting Colors

Decimal(9326002)

Have a look what the booklet for  
Decimal(9326002) contains.

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# Color

**Decimal(9326002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E4DB2
RGB	142, 77, 178
RGB Percent	56%, 30%, 70%
CMY	0.4431, 0.6980, 0.3020
CMYK	0.20, 0.57, 0.00, 0.30
HSL	279°, 40%, 50%
HSV	279°, 57%, 70%
XYZ	21.8451, 14.2729, 43.7231
YIQ	107.9490, 6.3190, 45.1910

# Conversions

## Conversions Part 2

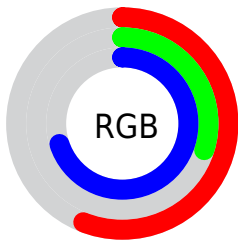
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 77, 178
Decimal	9326002
CIE <sub>Lab</sub>	44.62, 44.97, -43.03
CIE <sub>LCh</sub>	45, 62.244, 316.263
Yxy	14.2729, 0.2736, 0.1788
Android (android.graphics.Color)	4287516082 (0xFF8E4DB2)
YUV	107.9490, 34.5351, 29.8627
Hunter-Lab	37.7795, 37.0993, -42.1720

# Details

The Decimal color **9326002** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7451213**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **13009386**, and **5773949** is the 20% darker color. If you saturate the color by 10%, you get **8928178**, and if you desaturate by 10%, it is **9723826**.

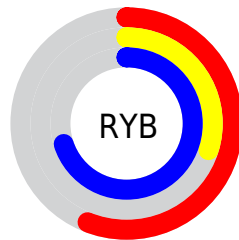
# Distribution



Red (56%)

Green (30%)

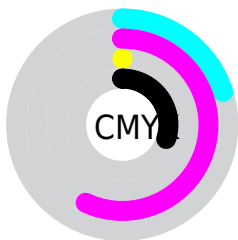
Blue (70%)



Red (56%)

Yellow (30%)

Blue (70%)

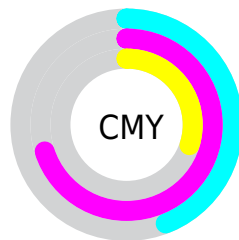


Cyan (20%)

Magenta (57%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (70%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9326002 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 9326002 by changing the saturation by 10% instead.



9326002

9326002

16777215

7550103

13009386

5773949

14916863

4063331

16758783

2424907

16765951

327731

16773375

541

0

9326002

9326002

8928178

9723826

8464818

10187186

8067250

10584754

7669426

10982578

7536818

11445938

11843762

12241586

12704690

13102514

# Harmonies

## Analogous

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



2057934



9326002



12137092

# Triad

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



9326002



9658112



32901

# Complementary

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



9326002



7451213

# 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.



32591



9326002



6713344

# Square

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



9326002



11879966



2128407



32436

# Rectangle

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



9326002



12856161



2128407



32883



# Sweetspot

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



9326002



14336488



5075634



7167605



16119285



7697781



# Same Dimension

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



9326002



11553512



11685285



5656665



6422681



1048602



# Inverse Universe

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



11685233



15223426



5091930



5853268



10027063

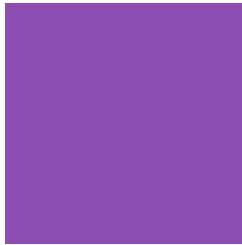


1703945



# Previews

## White Background



This preview shows how the Decimal color 9326002 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 9326002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

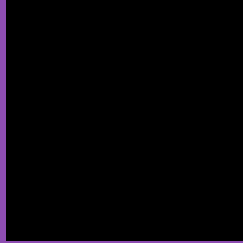
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9326002 Background



This preview shows how black text looks on a background with the Decimal color 9326002.




This preview shows how white text looks on a background with the Decimal color 9326002.

# 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**  
8544616

# Trichromacy



**Original Color**  
9326002



**Protanomaly**  
5398210



**Deuteranomaly**  
6119342



**Tritanomaly**  
8804995

# Monochromacy



**Original Color**  
9326002



**Achromatopsia**  
7105644



**Achromatomaly**  
7889285

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9326002 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 #8E4DB2 looks like.

```
.text, #text, p{  
  color:#8E4DB2  
}
```

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 #8E4DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4DB2
}
```

## Border

The CSS property to change the border of an element to Decimal 9326002 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
#8E4DB2 }
```

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

```
.border{ border-color:#8E4DB2 }
```

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

Here you see how a box with a 4 pixel #8E4DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4DB2; -webkit-box-shadow:4px 4px  
4px 4px #8E4DB2; box-shadow:4px 4px 4px  
4px #8E4DB2 }
```

# Background

The CSS property to change the background color of an element to Decimal 9326002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4DB2 }
```

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

```
.background{ background-color:#8E4DB2 }
```

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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