

# Converting Colors

Decimal(10236632)

Have a look what the booklet for  
Decimal(10236632) contains.

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**Color**

**Decimal(10236632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C32D8
RGB	156, 50, 216
RGB Percent	61%, 20%, 85%
CMY	0.3882, 0.8039, 0.1529
CMYK	0.28, 0.77, 0.00, 0.15
HSL	278°, 68%, 52%
HSV	278°, 77%, 85%
XYZ	27.2456, 14.3070, 66.2913
YIQ	100.6180, 9.8900, 74.0980

# Conversions

## Conversions Part 2

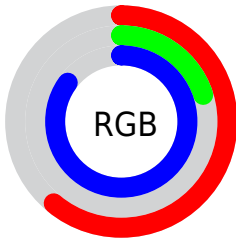
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 50, 216
Decimal	10236632
CIE <sub>Lab</sub>	44.67, 68.17, -64.91
CIE <sub>LCh</sub>	45, 94.127, 316.404
Yxy	14.3070, 0.2526, 0.1327
Android (android.graphics.Color)	4288426712 (0xFF9C32D8)
YUV	100.6180, 56.8833, 48.5700
Hunter-Lab	37.8246, 62.3830, -77.4343

# Details

The Decimal color **10236632** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **7264306**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **14118143**, and **6422688** is the 20% darker color. If you saturate the color by 10%, you get **9706712**, and if you desaturate by 10%, it is **10766552**.

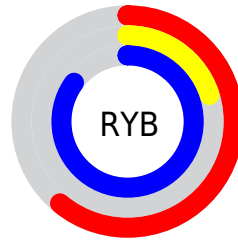
# Distribution



Red (61%)

Green (20%)

Blue (85%)



Red (61%)

Yellow (20%)

Blue (85%)

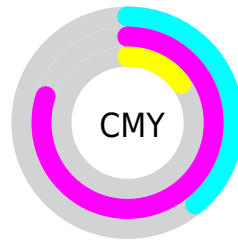


Cyan (28%)

Magenta (77%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (80%)



















Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10236632 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 10236632 by changing the saturation by 10% instead.



 10236632	 10236632
 16777215	 8325820
 14118143	 6422688
 16091391	 4522117
 16753919	 2424939
 16761087	 82
 16768511	 1081
 16776191	 547
	 10
	 0

■ 10236632

■ 10236632

■ 9706712

■ 10766552

■ 9177048

■ 11296216

■ 9044184

■ 11760600

■ 12290264

■ 12820184

■ 13350104

■ 13879768

■ 14344152

■ 14873816

# Harmonies

## Analogous

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



26367



10236632



14483601

# Triad

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



10236632



10377472



34708

# Complementary

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



10236632



7264306

# 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.



34113



10236632



5862144

# Square

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



10236632



13638912



32768



34780

# Rectangle

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



10236632



15335517



32768



34681



# Sweetspot

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



10236632



15385855



3305432



7560320



0



8421504



# Same Dimension

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



10236632



11146495



14168770



6774891



7143595



1835051



# Inverse Universe

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



14168686



16716905



3332168



7037028



11206718

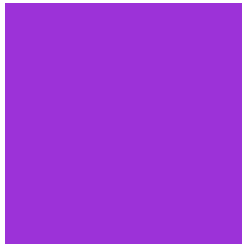


2818064



# Previews

## White Background



This preview shows how the Decimal color 10236632 looks on a white background.

## Color Contrast Check

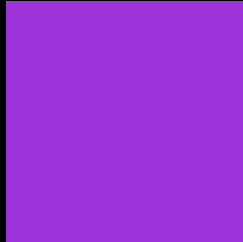
Large Text (above 18pt) WCAG AA ✓ Pass

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 10236632 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

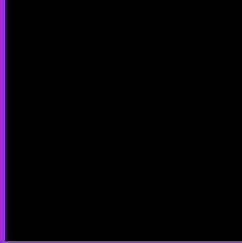
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10236632 Background



This preview shows how black text looks on a background with the Decimal color 10236632.

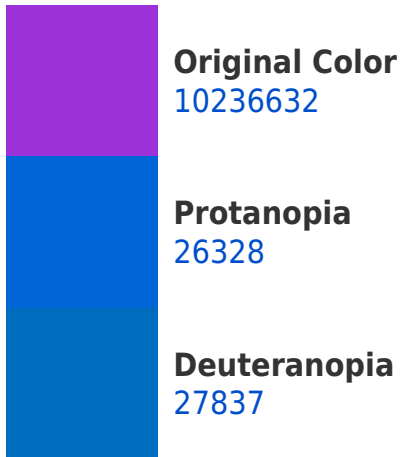


This preview shows how white text looks on a background with the Decimal color 10236632.

# 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**  
9002597

# Trichromacy



**Original Color**  
10236632



**Protanomaly**  
3757016



**Deuteranomaly**  
3758023



**Tritanomaly**  
9457295

# Monochromacy



**Original Color**  
10236632



**Achromatopsia**  
6645093



**Achromatomaly**  
7950991

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10236632 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 #9C32D8 looks like.

```
.text, #text, p{  
    color:#9C32D8  
}
```

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 #9C32D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C32D8
}
```

## Border

The CSS property to change the border of an element to Decimal 10236632 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
#9C32D8 }
```

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

```
.border{ border-color:#9C32D8 }
```

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

Here you see how a box with a 4 pixel #9C32D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C32D8; -webkit-box-shadow:4px 4px  
4px 4px #9C32D8; box-shadow:4px 4px 4px  
4px #9C32D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 10236632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C32D8 }
```

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

```
.background{ background-color:#9C32D8 }
```

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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