

# Converting Colors

Decimal(10443212)

Have a look what the booklet for  
Decimal(10443212) contains.

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**Color**

**Decimal(10443212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F59CC
RGB	159, 89, 204
RGB Percent	62%, 35%, 80%
CMY	0.3765, 0.6510, 0.2000
CMYK	0.22, 0.56, 0.00, 0.20
HSL	277°, 53%, 57%
HSV	277°, 56%, 80%
XYZ	28.7695, 18.8753, 59.2537
YIQ	123.0400, 4.8050, 50.6050

# Conversions

## Conversions Part 2

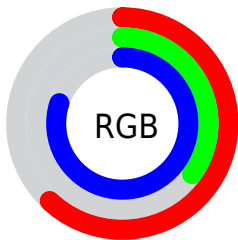
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	159, 89, 204
Decimal	10443212
CIE Lab	50.54, 48.90, -48.56
CIE LCh	51, 68.914, 315.199
Yxy	18.8753, 0.2691, 0.1766
Android (android.graphics.Color)	4288633292 (0xFF9F59CC)
YUV	123.0400, 39.9133, 31.5369
Hunter-Lab	43.4457, 42.1717, -50.4510

# Details

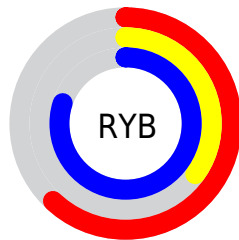
The Decimal color **10443212** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **8834137**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **14192383**, and **6825365** is the 20% darker color. If you saturate the color by 10%, you get **9913804**, and if you desaturate by 10%, it is **10972620**.

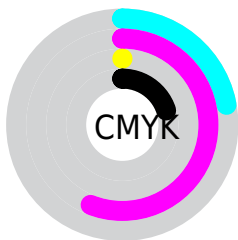
# Distribution



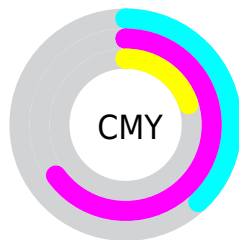
- Red (62%)
- Green (35%)
- Blue (80%)



- Red (62%)
- Yellow (35%)
- Blue (80%)



- Cyan (22%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10443212 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 10443212 by changing the saturation by 10% instead.



 10443212

 10443212

16777215

 8601520

 14192383

 6825365

 16099839

 5047931

 16762367

 3276897

 16769535

 1769545

 49

 283

 0

 10443212

 10443212

9913804

10972620

9384140

11502284

8854732

12031692

8325068

12561356

8126668

13090764

13620172

14149836

14679244

15204300

# Harmonies

## Analogous

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



947691



10443212



13712024

# Triad

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



10443212



11102976



37526

# Complementary

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



10443212



8834137

# 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.



36952



10443212



7765760

# Square

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



10443212



13520677



2722584



37067

# Rectangle

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



10443212



14561649



2722584



37505



# Sweetspot

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



10443212



15652095



5867468



7759488



0



8421504



# Same Dimension

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



10443212



12276479



13392321



6446182



6619302



1507366



# Inverse Universe

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



13392262



16732821



5885028



6708320



10879041

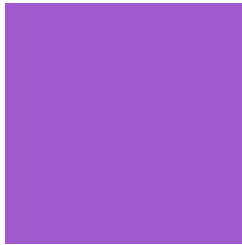


2490383



# Previews

## White Background



This preview shows how the Decimal color 10443212 looks on a white background.

## Color Contrast Check

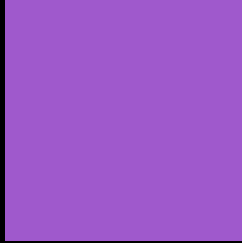
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 10443212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

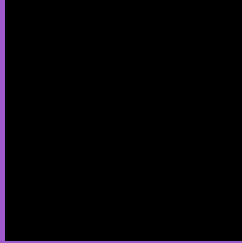
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10443212 Background



This preview shows how black text looks on a background with the Decimal color 10443212.



This preview shows how white text looks on a background with the Decimal color 10443212.

# 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**  
9531256

# Trichromacy



**Original Color**  
10443212



**Protanomaly**  
6122461



**Deuteranomaly**  
6843848



**Tritanomaly**  
9856919

# Monochromacy



**Original Color**  
10443212



**Achromatopsia**  
8092539



**Achromatomaly**  
8941464

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10443212 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 #9F59CC looks like.

```
.text, #text, p{  
    color:#9F59CC  
}
```

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 #9F59CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F59CC
}
```

## Border

The CSS property to change the border of an element to Decimal 10443212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

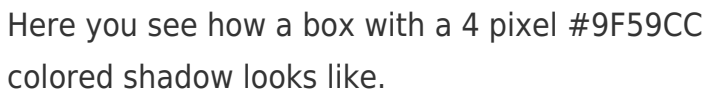
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F59CC }
```

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

```
.border{ border-color:#9F59CC }
```

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



Here you see how a box with a 4 pixel #9F59CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F59CC; -webkit-box-shadow:4px 4px  
4px 4px #9F59CC; box-shadow:4px 4px 4px  
4px #9F59CC }
```

# Background

The CSS property to change the background color of an element to Decimal 10443212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F59CC }
```

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

```
.background{ background-color:#9F59CC }
```

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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