

# Converting Colors

Decimal(10441936)

Have a look what the booklet for  
Decimal(10441936) contains.

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**Color**

**Decimal(10441936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F54D0
RGB	159, 84, 208
RGB Percent	62%, 33%, 82%
CMY	0.3765, 0.6706, 0.1843
CMYK	0.24, 0.60, 0.00, 0.18
HSL	276°, 57%, 57%
HSV	276°, 60%, 82%
XYZ	28.8536, 18.2656, 61.6794
YIQ	120.5610, 4.8960, 54.4640

# Conversions

## Conversions Part 2

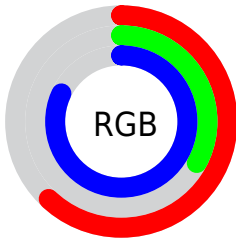
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	159, 84, 208
Decimal	10441936
CIE <sub>Lab</sub>	49.82, 52.35, -52.01
CIE <sub>LCh</sub>	50, 73.790, 315.186
Yxy	18.2656, 0.2652, 0.1679
Android (android.graphics.Color)	4288632016 (0xFF9F54D0)
YUV	120.5610, 43.1074, 33.7110
Hunter-Lab	42.7383, 45.7171, -55.6497

# Details

The Decimal color **10441936** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **8769620**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **14191103**, and **6758297** is the 20% darker color. If you saturate the color by 10%, you get **9912272**, and if you desaturate by 10%, it is **10971600**.

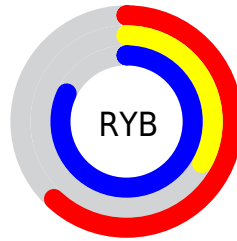
# Distribution



Red (62%)

Green (33%)

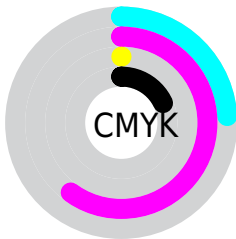
Blue (82%)



Red (62%)

Yellow (33%)

Blue (82%)

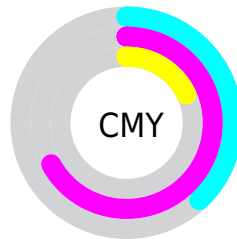


Cyan (24%)

Magenta (60%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (67%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10441936 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 10441936 by changing the saturation by 10% instead.



 10441936


 10441936

16777215

 8600244

 14191103

 6758297

 16164095

 4980862

 16761087

 3145829

 16768511

 1572940

 16775935

 52

 542

 0

 10441936

 10441936

9912272

10971600

9382608

11501264

8787664

12096208

8258000

12625872

8257744

13155536

13685200

14280400

14809808

15335376

# Harmonies

## Analogous

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



29937



10441936



13970840

# Triad

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



10441936



11102208



37270

# Complementary

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



10441936



8769620

# 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.



36948



10441936



7503360

# Square

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



10441936



13715484



1542661



36815

# Rectangle

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



10441936



14819182



1542661



37248



# Sweetspot

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



10441936



15585791



5539536



7627648



0



8421504



# Same Dimension

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



10441936



11945983



13653188



6577769



6684840



1638441



# Inverse Universe

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



13653125



16730000



5558368



6905442



11010115

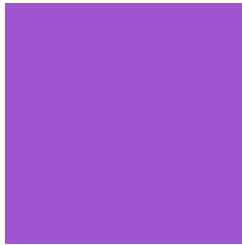


2686992



# Previews

## White Background



This preview shows how the Decimal color 10441936 looks on a white background.

## Color Contrast Check

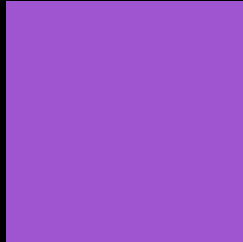
Large Text (above 18pt) WCAG AA ✓ Pass

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 10441936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

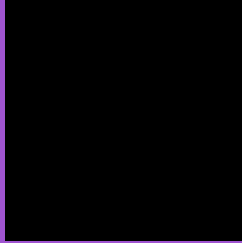
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10441936 Background



This preview shows how black text looks on a background with the Decimal color 10441936.

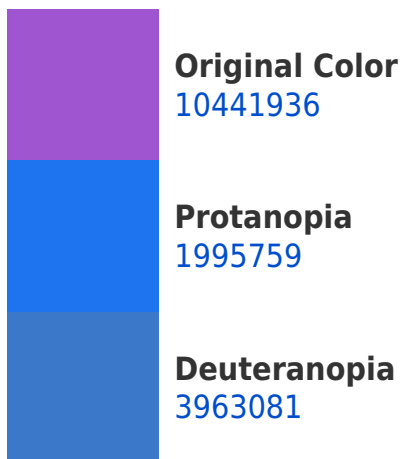


This preview shows how white text looks on a background with the Decimal color 10441936.

# 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



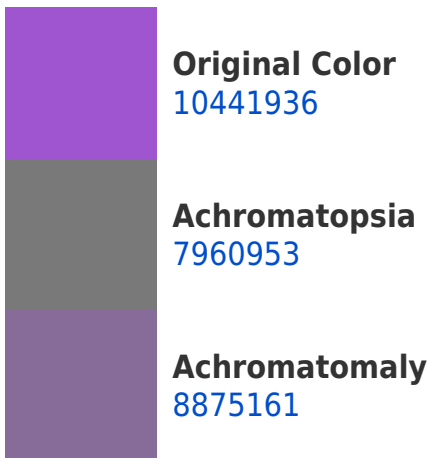


**Tritanopia**  
9465206

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10441936 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 #9F54D0 looks like.

```
.text, #text, p{  
    color:#9F54D0  
}
```

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 #9F54D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F54D0
}
```

## Border

The CSS property to change the border of an element to Decimal 10441936 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
#9F54D0 }
```

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

```
.border{ border-color:#9F54D0 }
```

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

Here you see how a box with a 4 pixel #9F54D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F54D0; -webkit-box-shadow:4px 4px  
4px 4px #9F54D0; box-shadow:4px 4px 4px  
4px #9F54D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 10441936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F54D0 }
```

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

```
.background{ background-color:#9F54D0 }
```

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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