

# Converting Colors

Decimal(10384062)

Have a look what the booklet for  
Decimal(10384062) contains.

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# **Color**

**Decimal(10384062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E72BE
RGB	158, 114, 190
RGB Percent	62%, 45%, 75%
CMY	0.3804, 0.5529, 0.2549
CMYK	0.17, 0.40, 0.00, 0.25
HSL	275°, 37%, 60%
HSV	275°, 40%, 75%
XYZ	29.4121, 23.0214, 51.6086
YIQ	135.8200, 1.8280, 32.9640

# Conversions

## Conversions Part 2

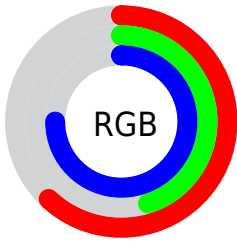
Format	Color
<a href="#">RYB</a>	<a href="#">158, 114, 190</a>
Decimal	<a href="#">10384062</a>
CIELab	<a href="#">55.09, 31.75, -33.36</a>
CIELCh	<a href="#">55, 46.056, 313.585</a>
Yxy	<a href="#">23.0214, 0.2827, 0.2213</a>
Android (android.graphics.Color)	<a href="#">4288574142</a> ( <a href="#">0xFF9E72BE</a> )
YUV	<a href="#">135.8200, 26.7107, 19.4519</a>
Hunter-Lab	<a href="#">47.9807, 25.4543, -30.1866</a>

# Details

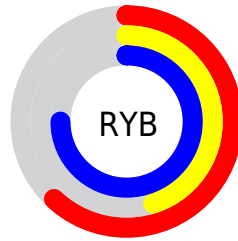
The Decimal color **10384062** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9617010**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **14067703**, and **6898056** is the 20% darker color. If you saturate the color by 10%, you get **9854910**, and if you desaturate by 10%, it is **10913214**.

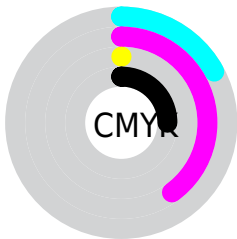
# Distribution



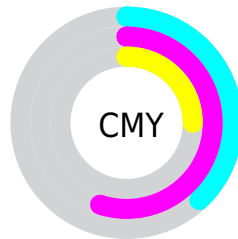
- Red (62%)
- Green (45%)
- Blue (75%)



- Red (62%)
- Yellow (45%)
- Blue (75%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10384062 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 10384062 by changing the saturation by 10% instead.



 10384062       10384062

16777215       8608163

 14067703       6898056

 15975167       5253487


 16768767       3609430

 16776191       2031678

 40

 273

 0

 10384062       10384062

9854910

10913214

9325758

11442366

8796606

11971518

8267454

12500670

7738302

13029822

7209150

13558974

14088126

14614462

15138750

# Harmonies

## Analogous

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



6259409



10384062



12739739

# Triad

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



10384062



11369013



39061

# Complementary

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



10384062



9617010

# 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.



300652



10384062



9013042

# Square

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



10384062



13003599



6132040



38330

# Rectangle

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



10384062



13459841



6132040



39048



# Sweetspot

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



10384062



15457015



7508926



7760765



16579836



8224125



# Same Dimension

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



10384062



12943863



12481209



5920094



6029470



1179679



# Inverse Universe

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



12481170



16220595



7519863



6182233



10354755

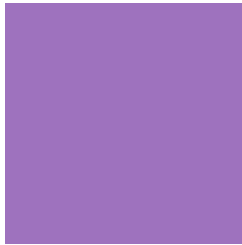


2031629



# Previews

## White Background



This preview shows how the Decimal color 10384062 looks on a white background.

## Color Contrast Check

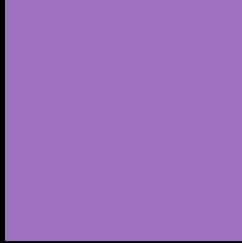
Large Text (above 18pt) WCAG AA ✓ Pass

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 10384062 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 10384062 Background



This preview shows how black text looks on a background with the Decimal color 10384062.



This preview shows how white text looks on a background with the Decimal color 10384062.

# 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**  
9797255

# Trichromacy



**Original Color**  
10384062

**Protanomaly**  
8223942

**Deuteranomaly**  
8486332

**Tritanomaly**  
9992859

# Monochromacy



**Original Color**  
10384062

**Achromatopsia**  
8947848

**Achromatomaly**  
9470108

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10384062 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 #9E72BE looks like.

```
.text, #text, p{  
    color:#9E72BE  
}
```

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 #9E72BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E72BE
}
```

## Border

The CSS property to change the border of an element to Decimal 10384062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

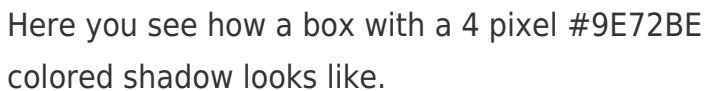
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E72BE }
```

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

```
.border{ border-color:#9E72BE }
```

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



Here you see how a box with a 4 pixel #9E72BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E72BE; -webkit-box-shadow:4px 4px  
4px 4px #9E72BE; box-shadow:4px 4px 4px  
4px #9E72BE }
```

# Background

The CSS property to change the background color of an element to Decimal 10384062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E72BE }
```

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

```
.background{ background-color:#9E72BE }
```

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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