

# Converting Colors

Decimal(10318518)

Have a look what the booklet for  
Decimal(10318518) contains.

<b>Decimal(10318518)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10318518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D72B6
RGB	157, 114, 182
RGB Percent	62%, 45%, 71%
CMY	0.3843, 0.5529, 0.2863
CMYK	0.14, 0.37, 0.00, 0.29
HSL	278°, 32%, 58%
HSV	278°, 37%, 71%
XYZ	28.3654, 22.5801, 47.1193
YIQ	134.6090, 3.8000, 30.2640

# Conversions

## Conversions Part 2

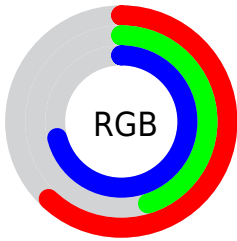
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 114, 182
Decimal	10318518
CIELab	54.64, 29.66, -29.49
CIELCh	55, 41.828, 315.168
Yxy	22.5801, 0.2893, 0.2303
Android (android.graphics.Color)	4288508598 (0xFF9D72B6)
YUV	134.6090, 23.3638, 19.6369
Hunter-Lab	47.5185, 23.3953, -25.5289

# Details

The Decimal color **10318518** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9156210**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **13936366**, and **6832513** is the 20% darker color. If you saturate the color by 10%, you get **9855158**, and if you desaturate by 10%, it is **10781878**.

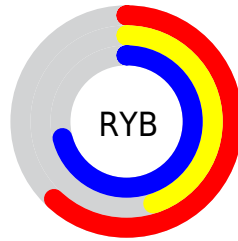
# Distribution



Red (62%)

Green (45%)

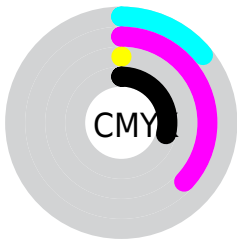
Blue (71%)



Red (62%)

Yellow (45%)

Blue (71%)

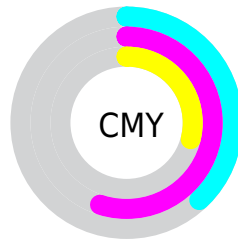


Cyan (14%)

Magenta (37%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (55%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10318518 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 10318518 by changing the saturation by 10% instead.



 10318518  10318518

16777215  8542619

 13936366  6832513

 15844095  5188199

 16768767  3609423

 16776191  2097208

 34

 7

 0

 10318518  10318518

9855158

10781878

9457334

11179702

8993718

11643318

8530358

12106678

8132534

12504502

7669174

12967862

7536822

13431222

13893558

14286774

# Harmonies

## Analogous

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



6783176



10318518



12412822

# Triad

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



10318518



10975804



38292

# Complementary

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



10318518



9156210

# 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.



2069615



10318518



8816186

# Square

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



10318518



12479825



6197070



37813

# Rectangle

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



10318518



13001854



6197070



38280



# Sweetspot

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



10318518



14996461



7507126



7497848



16250871



7895160



# Same Dimension

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



10318518



13009645



11956910



5788508



6422684



1179676



# Inverse Universe

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



11956875



15565482



7517818



6050646



10223673

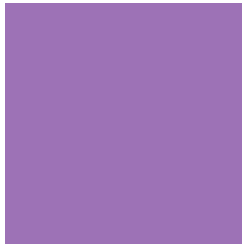


1835018



# Previews

## White Background



This preview shows how the Decimal color 10318518 looks on a white background.

## Color Contrast Check

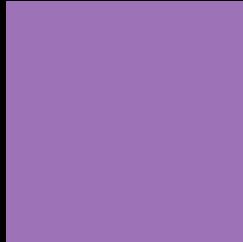
Large Text (above 18pt) WCAG AA ✓ Pass

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 10318518 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 10318518 Background



This preview shows how black text looks on a background with the Decimal color 10318518.



This preview shows how white text looks on a background with the Decimal color 10318518.

# 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**  
9796742

# Trichromacy



**Original Color**  
10318518

**Protanomaly**  
8289470

**Deuteranomaly**  
8617140

**Tritanomaly**  
9992343

# Monochromacy



**Original Color**  
10318518

**Achromatopsia**  
8882055

**Achromatomaly**  
9404312

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10318518 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 #9D72B6 looks like.

```
.text, #text, p{  
    color:#9D72B6  
}
```

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 #9D72B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D72B6
}
```

## Border

The CSS property to change the border of an element to Decimal 10318518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

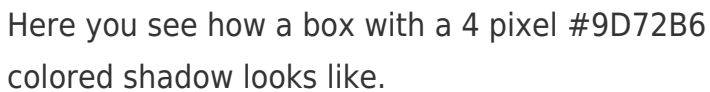
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D72B6 }
```

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

```
.border{ border-color:#9D72B6 }
```

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



Here you see how a box with a 4 pixel #9D72B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D72B6; -webkit-box-shadow:4px 4px  
4px 4px #9D72B6; box-shadow:4px 4px 4px  
4px #9D72B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 10318518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D72B6 }
```

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

```
.background{ background-color:#9D72B6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor