

# Converting Colors

Decimal(9664173)

Have a look what the booklet for  
Decimal(9664173) contains.

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# Color

**Decimal(9664173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9376AD
RGB	147, 118, 173
RGB Percent	58%, 46%, 68%
CMY	0.4235, 0.5373, 0.3216
CMYK	0.15, 0.32, 0.00, 0.32
HSL	272°, 25%, 57%
HSV	272°, 32%, 68%
XYZ	26.0539, 22.1770, 42.4426
YIQ	132.9410, -0.3710, 23.2530

# Conversions

## Conversions Part 2

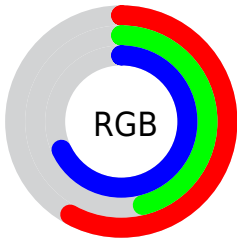
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	147, 118, 173
Decimal	9664173
CIE <sub>Lab</sub>	54.21, 22.15, -25.04
CIE <sub>LCh</sub>	54, 33.430, 311.498
Y <sub>xy</sub>	22.1770, 0.2873, 0.2446
Android (android.graphics.Color)	4287854253 (0xFF9376AD)
YUV	132.9410, 19.7491, 12.3297
Hunter-Lab	47.0925, 16.3431, -20.4709

# Details

The Decimal color **9664173** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9481590**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **13282021**, and **6243704** is the 20% darker color. If you saturate the color by 10%, you get **9135533**, and if you desaturate by 10%, it is **10192813**.

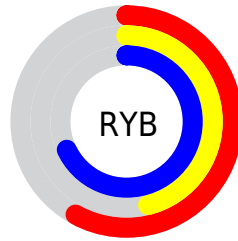
# Distribution



Red (58%)

Green (46%)

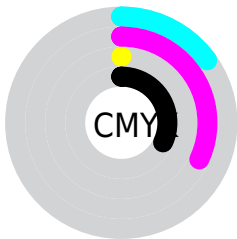
Blue (68%)



Red (58%)

Yellow (46%)

Blue (68%)

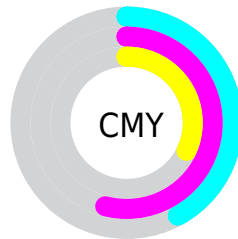


Cyan (15%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (54%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9664173 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 9664173 by changing the saturation by 10% instead.



■ 9664173

■ 9664173

16777215

■ 7953810

■ 13282021

■ 6243704

■ 15124223

■ 4664927

■ 16769791

■ 3086664

■ 1704241

■ 283

■ 0

■ 9664173

■ 9664173

■ 9135533

■ 10192813

8606637

10721709

8012461

11315885

7483821

11844525

6955181

12373421

6426285

12902061

5963949

13430701

13959085

14548909

# Harmonies

## Analogous

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



6914490



9664173



11431317

# Triad

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



9664173



10713675



496012

# Complementary

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



9664173



9481590

# 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.



4493422



9664173



9012296

# Square

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



9664173



11890781



6982485



36775

# Rectangle

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



9664173



12086145



6982485



2331010



# Sweetspot

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



9664173



14076640



7770541



6972272



15790320



7368816



# Same Dimension

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



9664173



12094432



11368108



5459543



5177494



786455



# Inverse Universe

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



11368080



14715827



7777655



5721682



9830471

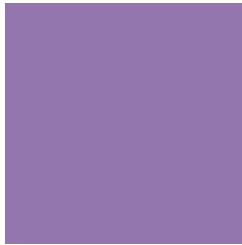


1507339



# Previews

## White Background



This preview shows how the Decimal color 9664173 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 9664173 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 9664173 Background



This preview shows how black text looks on a background with the Decimal color 9664173.



This preview shows how white text looks on a background with the Decimal color 9664173.

# 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



**Original Color**  
9664173

**Protanopia**  
7504053

**Deuteranopia**  
7897259



**Tritanopia**  
9272711

# Trichromacy



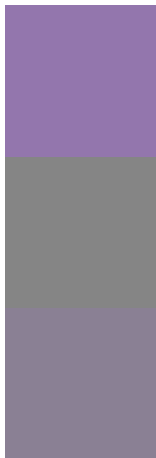
**Original Color**  
9664173

**Protanomaly**  
8289458

**Deuteranomaly**  
8551596

**Tritanomaly**  
9403029

# Monochromacy



**Original Color**  
9664173

**Achromatopsia**  
8750469

**Achromatomaly**  
9076884

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9664173 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 #9376AD looks like.

```
.text, #text, p{  
    color:#9376AD  
}
```

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 #9376AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9376AD
}
```

## Border

The CSS property to change the border of an element to Decimal 9664173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

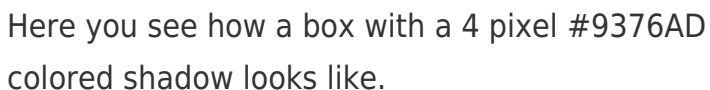
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9376AD }
```

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

```
.border{ border-color:#9376AD }
```

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



Here you see how a box with a 4 pixel #9376AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9376AD; -webkit-box-shadow:4px 4px  
4px 4px #9376AD; box-shadow:4px 4px 4px  
4px #9376AD }
```

# Background

The CSS property to change the background color of an element to Decimal 9664173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9376AD }
```

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

```
.background{ background-color:#9376AD }
```

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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