

# Converting Colors

Decimal(10360758)

Have a look what the booklet for  
Decimal(10360758) contains.

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**Color**

**Decimal(10360758)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E17B6
RGB	158, 23, 182
RGB Percent	62%, 9%, 71%
CMY	0.3804, 0.9098, 0.2863
CMYK	0.13, 0.87, 0.00, 0.29
HSL	291°, 78%, 40%
HSV	291°, 87%, 71%
XYZ	22.8504, 11.2593, 45.2249
YIQ	81.4910, 29.4210, 78.0690

# Conversions

## Conversions Part 2

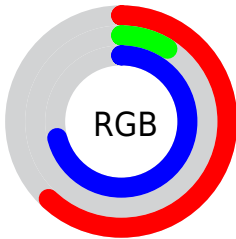
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 23, 182
Decimal	10360758
CIE <sub>Lab</sub>	40.01, 69.46, -52.65
CIE <sub>LCh</sub>	40, 87.159, 322.840
Yxy	11.2593, 0.2880, 0.1419
Android (android.graphics.Color)	4288550838 (0xFF9E17B6)
YUV	81.4910, 49.5509, 67.0984
Hunter-Lab	33.5549, 62.8352, -56.4220

# Details

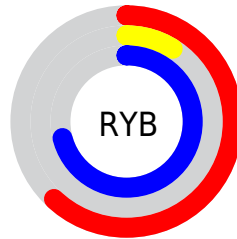
The Decimal color **10360758** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **3126807**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **14179055**, and **6619264** is the 20% darker color. If you saturate the color by 10%, you get **10159542**, and if you desaturate by 10%, it is **10561974**.

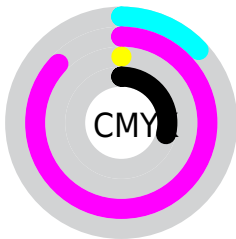
# Distribution



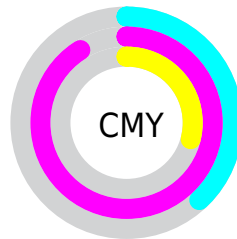
- Red (62%)
- Green (9%)
- Blue (71%)



- Red (62%)
- Yellow (9%)
- Blue (71%)



- Cyan (13%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (91%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10360758 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 10360758 by changing the saturation by 10% instead.



 10360758

 10360758

16777215

 8454299

 14179055

 6619264

 16152319

 4784230

 16749567

 3211342

 16756735

 852022

 16764159

 543

 16771839

 2

 0

 10360758

 10360758

■ 10159542

■ 10561974

■ 10158262

■ 10697654

■ 10899126

■ 11100342

■ 11301558

■ 11437238

■ 11638454

■ 11839926

■ 12041142

# Harmonies

## Analogous

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



21733



10360758



13434995

# Triad

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



10360758



8541696



31380

# Complementary

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



10360758



3126807

# 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.



30794



10360758



4024832

# Square

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



10360758



11807488



29696



30929

# Rectangle

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



10360758



13828164



29696



31100



# Sweetspot

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



10360758



14987245



1520310



7492472



16250871



7895160



# Same Dimension

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



10360758



13172973



11933569



5919580



8650908



1572892



# Inverse Universe

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



11933487



15532068



1553996



6050644



10223639



1835012



# Previews

## White Background



This preview shows how the Decimal color 10360758 looks on a white background.

## Color Contrast Check

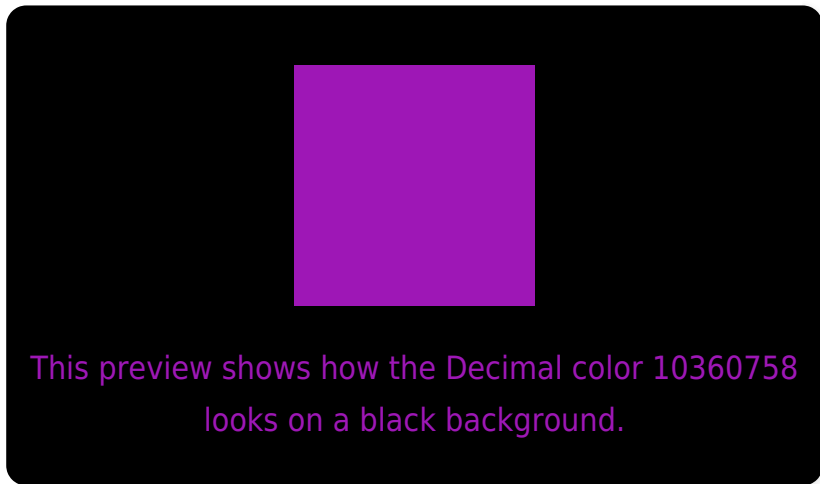
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

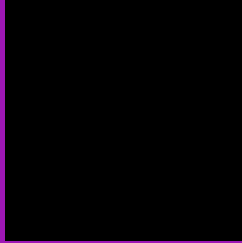
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10360758 Background



This preview shows how black text looks on a background with the Decimal color 10360758.

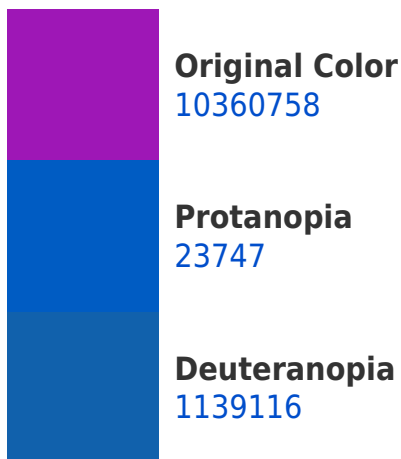



This preview shows how white text looks on a background with the Decimal color 10360758.

# 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](#).

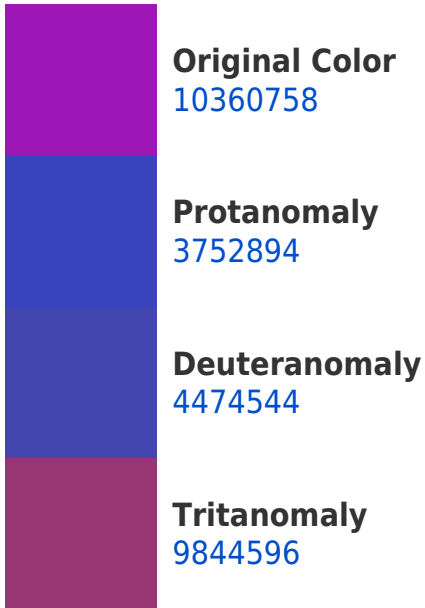
## Dichromacy



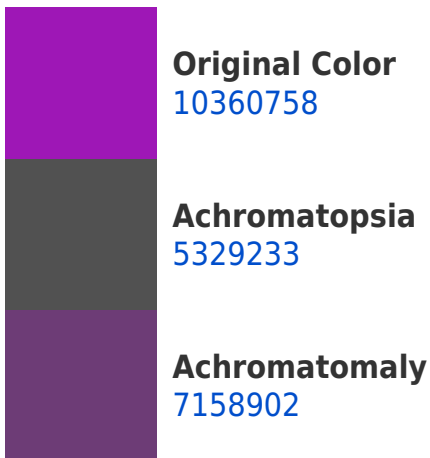


**Tritanopia**  
9521743

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10360758 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 #9E17B6 looks like.

```
.text, #text, p{  
  color:#9E17B6  
}
```

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 #9E17B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E17B6
}
```

## Border

The CSS property to change the border of an element to Decimal 10360758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

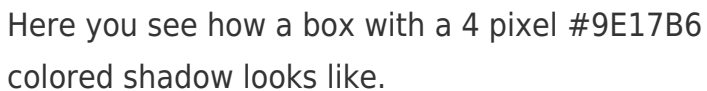
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E17B6 }
```

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

```
.border{ border-color:#9E17B6 }
```

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



Here you see how a box with a 4 pixel #9E17B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E17B6; -webkit-box-shadow:4px 4px  
4px 4px #9E17B6; box-shadow:4px 4px 4px  
4px #9E17B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 10360758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E17B6 }
```

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

```
.background{ background-color:#9E17B6 }
```

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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