

# Converting Colors

Decimal(10058189)

Have a look what the booklet for  
Decimal(10058189) contains.

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# **Color**

**Decimal(10058189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9979CD
RGB	153, 121, 205
RGB Percent	60%, 47%, 80%
CMY	0.4000, 0.5255, 0.1961
CMYK	0.25, 0.41, 0.00, 0.20
HSL	263°, 46%, 64%
HSV	263°, 41%, 80%
XYZ	30.9937, 24.8548, 60.9215
YIQ	140.1440, -7.8920, 32.9080

# Conversions

## Conversions Part 2

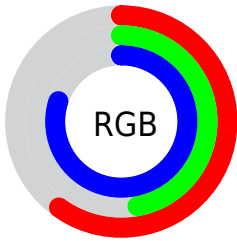
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 121, 205
Decimal	10058189
CIELab	56.93, 29.78, -39.06
CIElCh	57, 49.115, 307.326
Yxy	24.8548, 0.2654, 0.2129
Android (android.graphics.Color)	4288248269 (0xFF9979CD)
YUV	140.1440, 31.9740, 11.2747
Hunter-Lab	49.8546, 23.7245, -37.5532

# Details

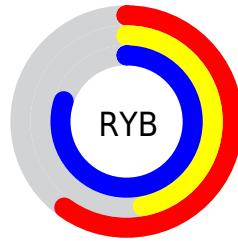
The Decimal color **10058189** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **11390329**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **13741823**, and **6572182** is the 20% darker color. If you saturate the color by 10%, you get **9201101**, and if you desaturate by 10%, it is **10915533**.

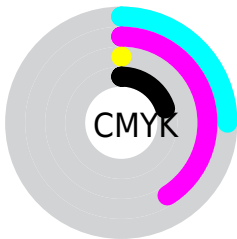
# Distribution



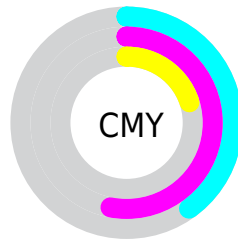
- Red (60%)
- Green (47%)
- Blue (80%)



- Red (60%)
- Yellow (47%)
- Blue (80%)



- Cyan (25%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (53%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10058189 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 10058189 by changing the saturation by 10% instead.



 10058189

 10058189

16777215

 8282289

 13741823

 6572182

 15649279

 4862332

 16770815

 3152483

 1377610

 51

 541

 0

 10058189

 10058189

9201101

10915533

8409293

11707085

7552205

12564429

6694861

13421517

5903309

14213325

5112013

15070413

15925197

16777165

# Harmonies

## Analogous

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



4950750



10058189



12937643

# Triad

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



10058189



12286776



40594

# Complementary

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



10058189



11390329

# 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.



2202470



10058189



9931310

# Square

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



10058189



13790039



6919489



40123

# Rectangle

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



10058189



13919118



6919489



40323



# Sweetspot

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



10058189



15524095



7974605



7630464



0



8421504



# Same Dimension

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



10058189



11698943



12745165



6315110



4128934



983078



# Inverse Universe

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



13466029



16745167



8703353



6708322



10879079

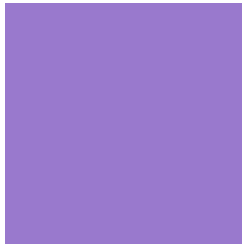


2490392



# Previews

## White Background



This preview shows how the Decimal color 10058189 looks on a white background.

## Color Contrast Check

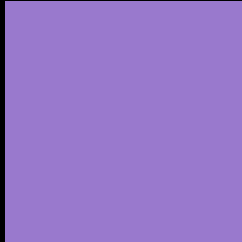
Large Text (above 18pt) WCAG AA ✓ Pass

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 10058189 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 10058189 Background



This preview shows how black text looks on a background with the Decimal color 10058189.




This preview shows how white text looks on a background with the Decimal color 10058189.

# 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**  
9340561

# Trichromacy



**Original Color**  
10058189

**Protanomaly**  
8094164

**Deuteranomaly**  
8160203

**Tritanomaly**  
9601447

# Monochromacy



**Original Color**  
10058189

**Achromatopsia**  
9211020

**Achromatomaly**  
9536932

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10058189 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 #9979CD looks like.

```
.text, #text, p{  
    color:#9979CD  
}
```

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 #9979CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9979CD
}
```

## Border

The CSS property to change the border of an element to Decimal 10058189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

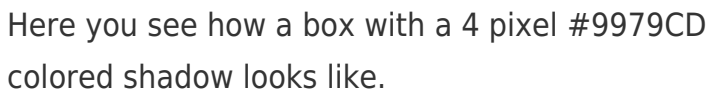
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9979CD }
```

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

```
.border{ border-color:#9979CD }
```

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



Here you see how a box with a 4 pixel #9979CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9979CD; -webkit-box-shadow:4px 4px  
4px 4px #9979CD; box-shadow:4px 4px 4px  
4px #9979CD }
```

# Background

The CSS property to change the background color of an element to Decimal 10058189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9979CD }
```

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

```
.background{ background-color:#9979CD }
```

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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