

# Converting Colors

Decimal(9985201)

Have a look what the booklet for  
Decimal(9985201) contains.

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# Color

**Decimal(9985201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985CB1
RGB	152, 92, 177
RGB Percent	60%, 36%, 69%
CMY	0.4039, 0.6392, 0.3059
CMYK	0.14, 0.48, 0.00, 0.31
HSL	282°, 35%, 53%
HSV	282°, 48%, 69%
XYZ	24.7119, 17.5040, 43.6711
YIQ	119.6300, 8.4750, 39.1550

# Conversions

## Conversions Part 2

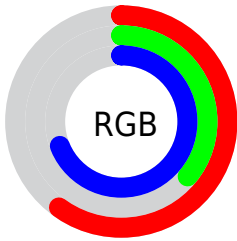
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 92, 177
Decimal	9985201
CIE <sub>Lab</sub>	48.89, 39.43, -35.62
CIE <sub>LCh</sub>	49, 53.134, 317.909
Yxy	17.5040, 0.2877, 0.2038
Android (android.graphics.Color)	4288175281 (0xFF985CB1)
YUV	119.6300, 28.2834, 28.3885
Hunter-Lab	41.8378, 32.2164, -32.6016

# Details

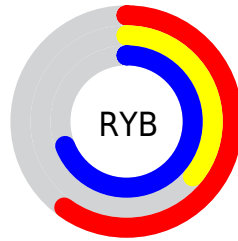
The Decimal color **9985201** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7713116**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **13668585**, and **6499196** is the 20% darker color. If you saturate the color by 10%, you get **9652913**, and if you desaturate by 10%, it is **10317489**.

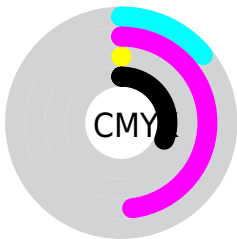
# Distribution



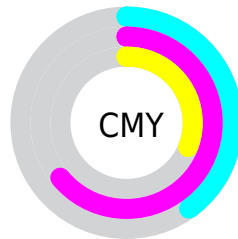
- Red (60%)
- Green (36%)
- Blue (69%)



- Red (60%)
- Yellow (36%)
- Blue (69%)



- Cyan (14%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (64%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9985201 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 9985201 by changing the saturation by 10% instead.





9985201



9985201

16777215



8209302



13668585



6499196



15576063



4788579



16762879



3145802



16770047



1835059



541



0



9985201



9985201



9652913



10317489

9320881

10649521

8923057

11047345

8590769

11379633

8258481

11711921

8192177

12043953

12376241

12774065

13106097

# Harmonies

## Analogous

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



5271754



9985201



12340104

# Triad

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



9985201



10119953



35215

# Complementary

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



9985201



7713116

# 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.



34912



9985201



7436816

# Square

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



9985201



12081458



3834676



34742

# Rectangle

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



9985201



12929130



3834676



35199



# Sweetspot

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



9985201



14468582



6059441



7167859



15921906



7566195



# Same Dimension

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



9985201



12476646



11623584



5722201



7078041



1179674



# Inverse Universe

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



11623541



15097992



6074733



5853267



10027053

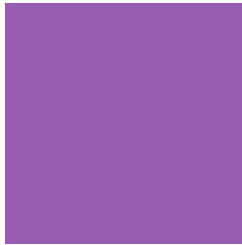


1703943



# Previews

## White Background



This preview shows how the Decimal color 9985201 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



This preview shows how the Decimal color 9985201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

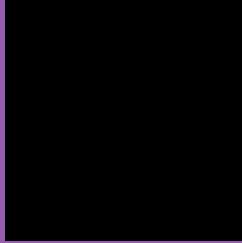
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9985201 Background



This preview shows how black text looks on a background with the Decimal color 9985201.




This preview shows how white text looks on a background with the Decimal color 9985201.

# 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**  
9399155

# Trichromacy



**Original Color**  
9985201

**Protanomaly**  
7039677

**Deuteranomaly**  
7498670

**Tritanomaly**  
9594506

# Monochromacy



**Original Color**  
9985201

**Achromatopsia**  
7895160

**Achromatomaly**  
8679053

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9985201 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 #985CB1 looks like.

```
.text, #text, p{  
    color:#985CB1  
}
```

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 #985CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985CB1
}
```

## Border

The CSS property to change the border of an element to Decimal 9985201 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
#985CB1 }
```

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

```
.border{ border-color:#985CB1 }
```

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

Here you see how a box with a 4 pixel #985CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985CB1; -webkit-box-shadow:4px 4px  
4px 4px #985CB1; box-shadow:4px 4px 4px  
4px #985CB1 }
```

# Background

The CSS property to change the background color of an element to Decimal 9985201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985CB1 }
```

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

```
.background{ background-color:#985CB1 }
```

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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