

# Converting Colors

Decimal(9961613)

Have a look what the booklet for  
Decimal(9961613) contains.

<b>Decimal(9961613)</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(9961613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98008D
RGB	152, 0, 141
RGB Percent	60%, 0%, 55%
CMY	0.4039, 1.0000, 0.4471
CMYK	0.00, 1.00, 0.07, 0.40
HSL	304°, 100%, 30%
HSV	304°, 100%, 60%
XYZ	17.7566, 8.5985, 25.9231
YIQ	61.5220, 45.3310, 76.0750

# Conversions

## Conversions Part 2

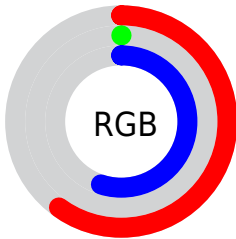
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 0, 141
Decimal	9961613
CIE <sub>Lab</sub>	35.20, 65.14, -35.68
CIE <sub>LCh</sub>	35, 74.277, 331.289
Yxy	8.5985, 0.3397, 0.1645
Android (android.graphics.Color)	4288151693 (0xFF98008D)
YUV	61.5220, 39.1827, 79.3492
Hunter-Lab	29.3232, 56.7749, -31.8890

# Details

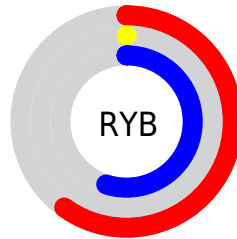
The Decimal color **9961613** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **38923**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **13782723**, and **6291546** is the 20% darker color. If you saturate the color by 10%, you get **9961613**, and if you desaturate by 10%, it is **9965454**.

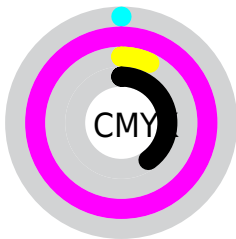
# Distribution



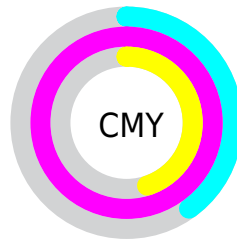
- Red (60%)
- Green (0%)
- Blue (55%)



- Red (60%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9961613 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 9961613 by changing the saturation by 10% instead.



 9961613

 9961613

16777215

 8126579

 13782723

 6291546

 15756255

 4522050

 16746492

 2818091

 16753919

 21

 16761087

 0

 16768767

 16776191

 9961613

■ 9965454

■ 9969295

■ 9973392

■ 9977233

■ 9981075

■ 9984916

■ 9988757

■ 9992854

■ 9996695

# Harmonies

## Analogous

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



4538810



9961613



11796563

# Triad

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



9961613



6574592



27280

# Complementary

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



9961613



38923

# 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.



26964



9961613



2318336

# Square

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



9961613



9516544



26384



26556

# Rectangle

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



9961613



11730989



26384



27261



# Sweetspot

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



9961613



12880320



655512



6504545



14935011



6513507



# Same Dimension

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



9961613



12845238



9961538



5064012



9175170



851980



# Inverse Universe

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



9961613



12845238



38998



5064012



9175170



851980



# Previews

## White Background



This preview shows how the Decimal color 9961613 looks on a white background.

## Color Contrast Check

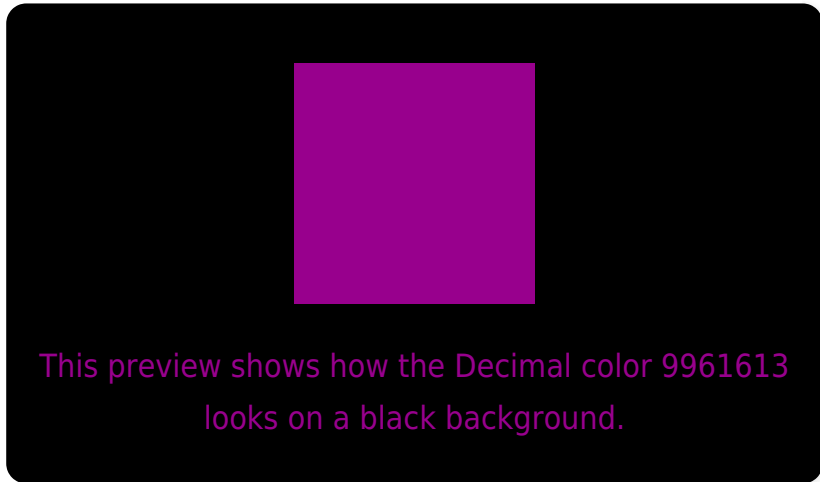
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

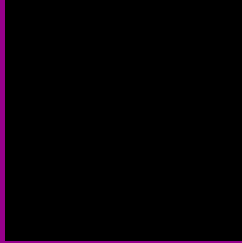
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 9961613 Background



This preview shows how black text looks on a background with the Decimal color 9961613.



This preview shows how white text looks on a background with the Decimal color 9961613.

# 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





# Trichromacy



**Original Color**  
9961613



**Protanomaly**  
3618211



**Deuteranomaly**  
6239879



**Tritanomaly**  
9642841

# Monochromacy



**Original Color**  
9961613



**Achromatopsia**  
4079166



**Achromatomaly**  
6235995

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9961613 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 #98008D looks like.

```
.text, #text, p{  
    color:#98008D  
}
```

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 #98008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98008D
}
```

## Border

The CSS property to change the border of an element to Decimal 9961613 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
#98008D }
```

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

```
.border{ border-color:#98008D }
```

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

Here you see how a box with a 4 pixel #98008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98008D; -webkit-box-shadow:4px 4px  
4px 4px #98008D; box-shadow:4px 4px 4px  
4px #98008D }
```

# Background

The CSS property to change the background color of an element to Decimal 9961613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98008D }
```

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

```
.background{ background-color:#98008D }
```

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