

# Converting Colors

Decimal(11468961)

Have a look what the booklet for  
Decimal(11468961) contains.

<b>Decimal(11468961)</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(11468961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF00A1
RGB	175, 0, 161
RGB Percent	69%, 0%, 63%
CMY	0.3137, 1.0000, 0.3686
CMYK	0.00, 1.00, 0.08, 0.31
HSL	305°, 100%, 34%
HSV	305°, 100%, 69%
XYZ	24.1122, 11.6872, 34.7032
YIQ	70.6790, 52.6190, 87.1710

# Conversions

## Conversions Part 2

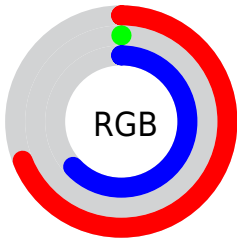
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 0, 161
Decimal	11468961
CIE <sub>Lab</sub>	40.71, 72.06, -38.83
CIE <sub>LCh</sub>	41, 81.859, 331.681
Yxy	11.6872, 0.3420, 0.1658
Android (android.graphics.Color)	4289659041 (0xFFAF00A1)
YUV	70.6790, 44.5283, 91.4895
Hunter-Lab	34.1865, 66.0722, -36.2556

# Details

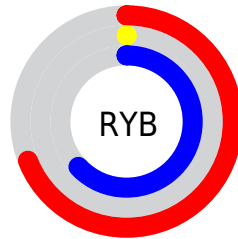
The Decimal color **11468961** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **44814**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **15357144**, and **7733357** is the 20% darker color. If you saturate the color by 10%, you get **11468961**, and if you desaturate by 10%, it is **11473314**.

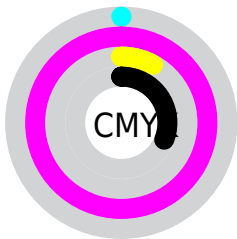
# Distribution



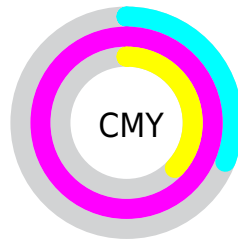
- Red (69%)
- Green (0%)
- Blue (63%)



- Red (69%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (31%)



















- Cyan (31%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11468961 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 11468961 by changing the saturation by 10% instead.



 11468961	 11468961
 16777215	 9568390
 15357144	 7733357
 16741109	 5898324
 16748543	 4194364
 16755967	 2293797
 16763391	 269
 16771071	 0

 11468961

 11473314

 11477924

 11482533

 11486887

 11491496

 11495849

 11500203

 11504812

 11509422

# Harmonies

## Analogous

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



5458900



11468961



13500512

# Triad

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



11468961



7495424



31398

# Complementary

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



11468961



44814

# 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.



31330



11468961



2649856

# Square

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



11468961



10895360



30230



30680

# Rectangle

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



11468961



13434932



30230



31376



# Sweetspot

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



11468961



14917598



786607



7555439



15921906



7566195



# Same Dimension

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



11468961



14876881



11468876



5721686



9830538



1507349



# Inverse Universe

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



11468961



14876881



44899



5721686



9830538



1507349



# Previews

## White Background



This preview shows how the Decimal color 11468961 looks on a white background.

## Color Contrast Check

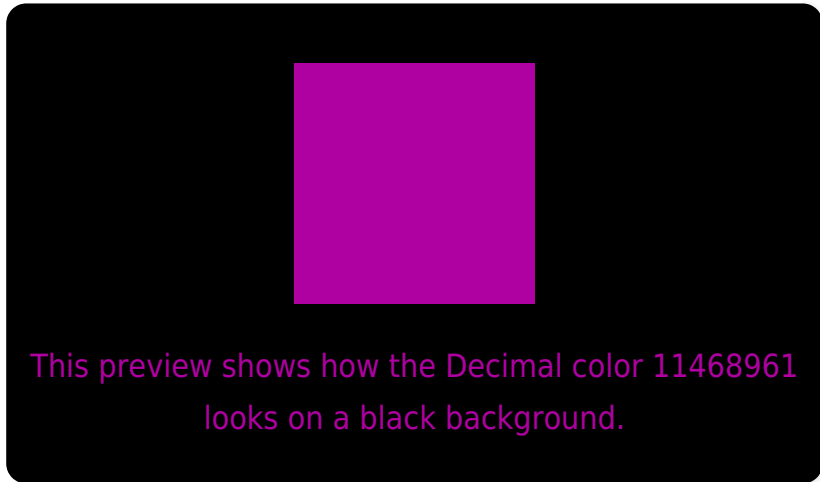
Large Text (above 18pt) WCAG AA ✓ Pass

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 11468961 Background



This preview shows how black text looks on a background with the Decimal color 11468961.




This preview shows how white text looks on a background with the Decimal color 11468961.

# 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



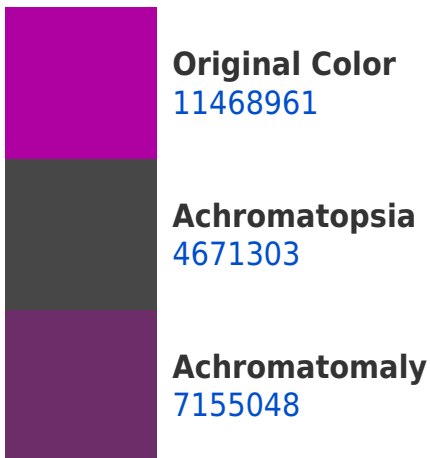


**Tritanopia**  
10895171

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11468961 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 #AF00A1 looks like.

```
.text, #text, p{  
  color:#AF00A1  
}
```

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 #AF00A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF00A1
}
```

## Border

The CSS property to change the border of an element to Decimal 11468961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

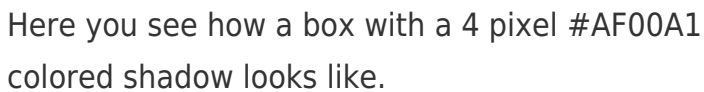
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF00A1 }
```

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

```
.border{ border-color:#AF00A1 }
```

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



Here you see how a box with a 4 pixel #AF00A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF00A1; -webkit-box-shadow:4px 4px  
4px 4px #AF00A1; box-shadow:4px 4px 4px  
4px #AF00A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 11468961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF00A1 }
```

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

```
.background{ background-color:#AF00A1 }
```

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