

# Converting Colors

Decimal(11170264)

Have a look what the booklet for  
Decimal(11170264) contains.

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# Color

**Decimal(11170264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA71D8
RGB	170, 113, 216
RGB Percent	67%, 44%, 85%
CMY	0.3333, 0.5569, 0.1529
CMYK	0.21, 0.48, 0.00, 0.15
HSL	273°, 57%, 65%
HSV	273°, 48%, 85%
XYZ	34.8774, 25.3142, 68.0136
YIQ	141.7850, 0.9090, 44.1170

# Conversions

## Conversions Part 2

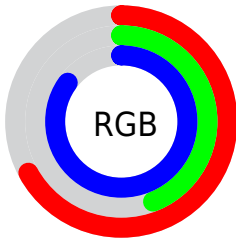
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 113, 216
Decimal	11170264
CIELab	57.38, 41.67, -44.45
CIELCh	57, 60.926, 313.152
Yxy	25.3142, 0.2720, 0.1975
Android (android.graphics.Color)	4289360344 (0xFFAA71D8)
YUV	141.7850, 36.5880, 24.7446
Hunter-Lab	50.3132, 35.6890, -44.9293

# Details

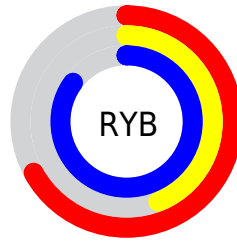
The Decimal color **11170264** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10475633**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **14919423**, and **7552929** is the 20% darker color. If you saturate the color by 10%, you get **10509272**, and if you desaturate by 10%, it is **11831256**.

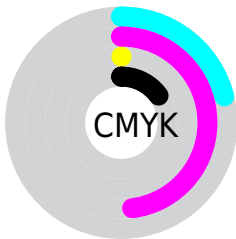
# Distribution



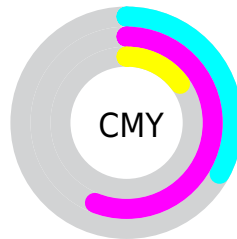
- Red (67%)
- Green (44%)
- Blue (85%)



- Red (67%)
- Yellow (44%)
- Blue (85%)



- Cyan (21%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



















- Cyan (33%)
- Magenta (56%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11170264 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 11170264 by changing the saturation by 10% instead.



 11170264	 11170264
 16777215	 9328828
 14919423	 7552929
 16761599	 5842566
 16768767	 4066412
 16776191	 2359379
	 655420
	 549
	 269
	 0

■ 11170264

■ 11170264

■ 10509272

■ 11831256

■ 9914072

■ 12426456

■ 9253080

■ 13087448

■ 8592344

■ 13748184

■ 7996888

■ 14343640

■ 7864536

■ 15004632

■ 15663064

■ 16252888

■ 16777176

# Harmonies

## Analogous

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



4622578



11170264



14310314

# Triad

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



11170264



12418073



41888

# Complementary

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



11170264



10475633

# 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.



41321



11170264



9342732

# Square

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



11170264



14509635



5413430



41170

# Rectangle

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



11170264



15226246



5413430



41870



# Sweetspot

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



11170264



15719423



7446488



7760512



0



8421504



# Same Dimension

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



11170264



12480255



14184915



6709355



6226091



1572907



# Inverse Universe

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



14184863



16740015



7460982



7037029



11206732

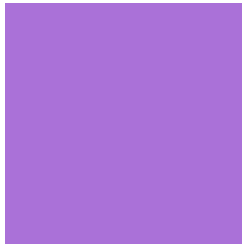


2818067



# Previews

## White Background



This preview shows how the Decimal color 11170264 looks on a white background.

## Color Contrast Check

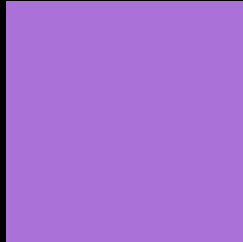
Large Text (above 18pt) WCAG AA ✓ Pass

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 11170264 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 11170264 Background



This preview shows how black text looks on a background with the Decimal color 11170264.




This preview shows how white text looks on a background with the Decimal color 11170264.

# 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](#).

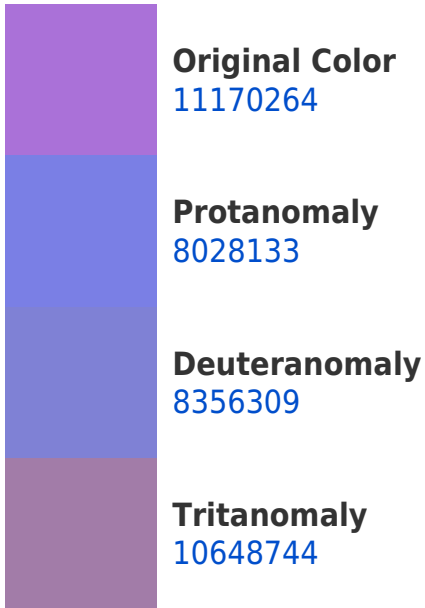
## Dichromacy



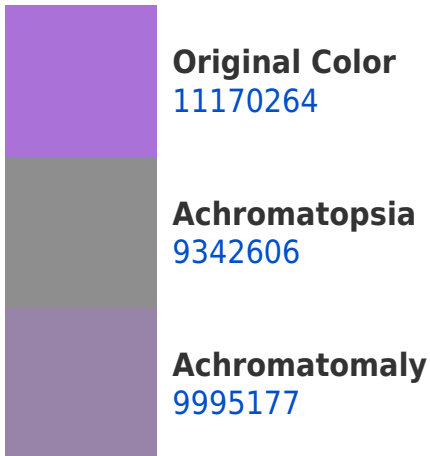


**Tritanopia**  
10322829

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11170264 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 #AA71D8 looks like.

```
.text, #text, p{  
    color:#AA71D8  
}
```

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 #AA71D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA71D8
}
```

## Border

The CSS property to change the border of an element to Decimal 11170264 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
#AA71D8 }
```

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

```
.border{ border-color:#AA71D8 }
```

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

Here you see how a box with a 4 pixel #AA71D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA71D8; -webkit-box-shadow:4px 4px  
4px 4px #AA71D8; box-shadow:4px 4px 4px  
4px #AA71D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 11170264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA71D8 }
```

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

```
.background{ background-color:#AA71D8 }
```

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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