

# Converting Colors

Decimal(11364051)

Have a look what the booklet for  
Decimal(11364051) contains.

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# Color

**Decimal(11364051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD66D3
RGB	173, 102, 211
RGB Percent	68%, 40%, 83%
CMY	0.3216, 0.6000, 0.1725
CMYK	0.18, 0.52, 0.00, 0.17
HSL	279°, 55%, 61%
HSV	279°, 52%, 83%
XYZ	33.7428, 23.0901, 64.3064
YIQ	135.6550, 7.3270, 48.9510

# Conversions

## Conversions Part 2

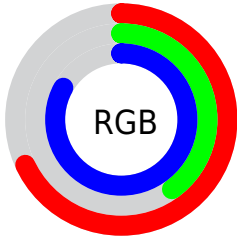
Format	Color
<b>RYB</b>	173, 102, 211
Decimal	11364051
CIELab	55.17, 47.29, -45.10
CIELCh	55, 65.352, 316.358
Yxy	23.0901, 0.2785, 0.1906
Android (android.graphics.Color)	4289554131 (0xFFAD66D3)
YUV	135.6550, 37.1451, 32.7516
Hunter-Lab	48.0522, 41.2535, -45.7090

# Details

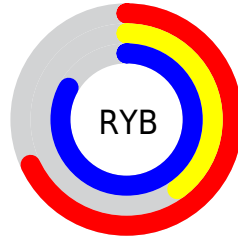
The Decimal color **11364051** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9229158**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **15113215**, and **7746460** is the 20% darker color. If you saturate the color by 10%, you get **10899923**, and if you desaturate by 10%, it is **11828179**.

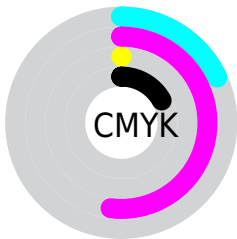
# Distribution



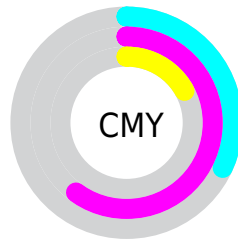
- Red (68%)
- Green (40%)
- Blue (83%)



- Red (68%)
- Yellow (40%)
- Blue (83%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)


















- Cyan (32%)
- Magenta (60%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11364051 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 11364051 by changing the saturation by 10% instead.



 11364051	 11364051
16777215	 9522359
 15113215	 7746460
 16758783	 5970049
 16765951	 4259944
 16773375	 2555983
	 589879
	 545
	 6
	 0

 11364051

 11364051

 10899923

 11828179

 10370259

 12357843

 9906131

 12821971

 9442003

 13286099

 8978643

 13816019

 14280147

 14744275

 15269843

 15728595

# Harmonies

## Analogous

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



4554994



11364051



14437792

# Triad

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



11364051



11827200



40610

# Complementary

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



11364051



9229158

# 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.



40039



11364051



8489728

# Square

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



11364051



14180147



3905070



39893

# Rectangle

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



11364051



15222650



3905070



40591



# Sweetspot

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



11364051



15915519



6720723



7825792



0



8421504



# Same Dimension

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



11364051



13132287



13854403



6643305



7209128



1769513



# Inverse Universe

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



13854348



16736664



6738806



6905442



11010107

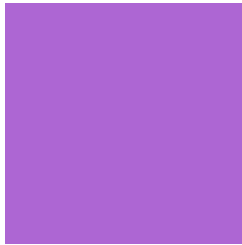


2686990



# Previews

## White Background



This preview shows how the Decimal color 11364051 looks on a white background.

## Color Contrast Check

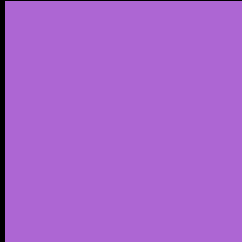
Large Text (above 18pt) WCAG AA ✓ Pass

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 11364051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

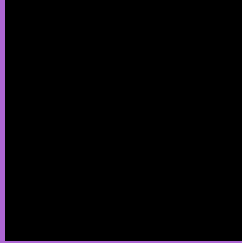
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11364051 Background



This preview shows how black text looks on a background with the Decimal color 11364051.

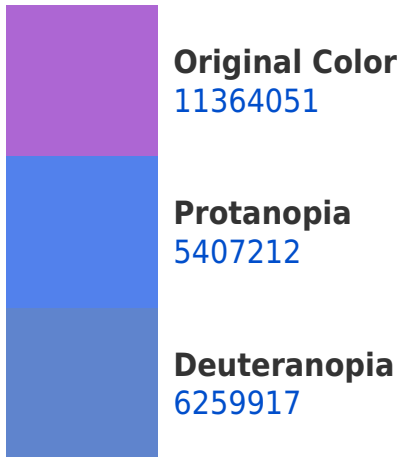



This preview shows how white text looks on a background with the Decimal color 11364051.

# 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](#).

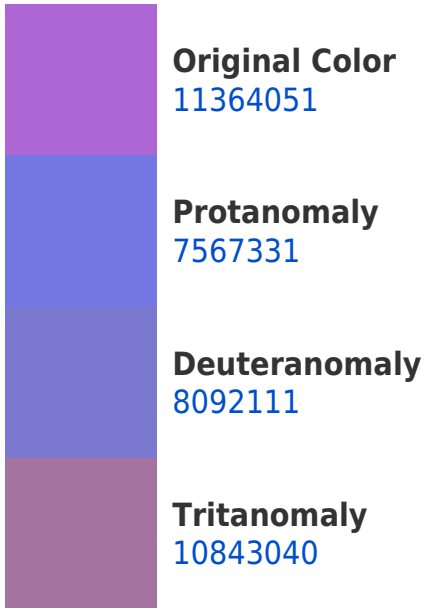
## Dichromacy



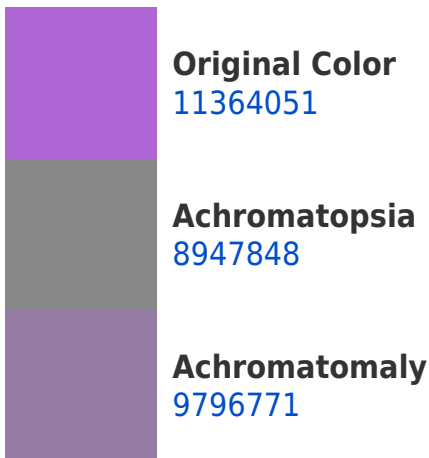


**Tritanopia**  
10582659

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11364051 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 #AD66D3 looks like.

```
.text, #text, p{  
    color:#AD66D3  
}
```

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 #AD66D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD66D3
}
```

## Border

The CSS property to change the border of an element to Decimal 11364051 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
#AD66D3 }
```

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

```
.border{ border-color:#AD66D3 }
```

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

Here you see how a box with a 4 pixel #AD66D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD66D3; -webkit-box-shadow:4px 4px  
4px 4px #AD66D3; box-shadow:4px 4px 4px  
4px #AD66D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11364051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD66D3 }
```

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

```
.background{ background-color:#AD66D3 }
```

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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