

# Converting Colors

Decimal(11235805)

Have a look what the booklet for  
Decimal(11235805) contains.

<b>Decimal(11235805)</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(11235805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB71DD
RGB	171, 113, 221
RGB Percent	67%, 44%, 87%
CMY	0.3294, 0.5569, 0.1333
CMYK	0.23, 0.49, 0.00, 0.13
HSL	272°, 61%, 65%
HSV	272°, 49%, 87%
XYZ	35.7509, 25.6886, 71.4807
YIQ	142.6540, -0.1000, 45.8840

# Conversions

## Conversions Part 2

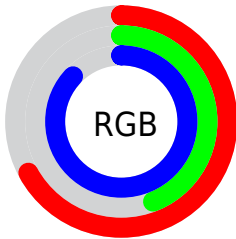
Format	Color
R <sub>Y</sub> B	171, 113, 221
Decimal	11235805
CIE Lab	57.74, 43.08, -46.68
CIE LCh	58, 63.525, 312.701
Yxy	25.6886, 0.2690, 0.1933
Android (android.graphics.Color)	4289425885 (0xFFAB71DD)
YUV	142.6540, 38.6246, 24.8594
Hunter-Lab	50.6840, 37.2113, -48.1393

# Details

The Decimal color **11235805** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10739057**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **14984959**, and **7618469** is the 20% darker color. If you saturate the color by 10%, you get **10574813**, and if you desaturate by 10%, it is **11896797**.

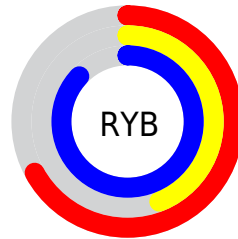
# Distribution



Red (67%)

Green (44%)

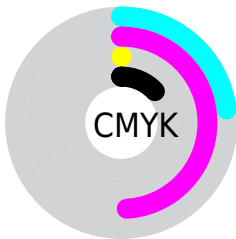
Blue (87%)



Red (67%)

Yellow (44%)

Blue (87%)

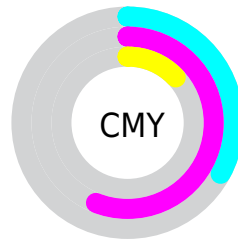


Cyan (23%)

Magenta (49%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (56%)

















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11235805 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 11235805 by changing the saturation by 10% instead.



 11235805	 11235805
 16777215	 9394113
 14984959	 7618469
 16761599	 5842571
 16768767	 4131697
 16776191	 2293847
	 589888
	 808
	 274
	 0

■ 11235805

■ 11235805

■ 10574813

■ 11896797

■ 9913821

■ 12557789

■ 9187293

■ 13284317

■ 8526301

■ 13945309

■ 7865309

■ 14606557

■ 7799005

■ 15267549

■ 15990749

■ 16646109

■ 16777181

# Harmonies

## Analogous

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



4033016



11235805



14571949

# Triad

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



11235805



12614674



42402

# Complementary

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



11235805



10739057

# 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.



41576



11235805



9473792

# Square

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



11235805



14836801



5282865



41685

# Rectangle

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



11235805



15487624



5282865



42126



# Sweetspot

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



11235805



15587839



7447517



7694720



0



8421504



# Same Dimension

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



11235805



12151295



14512601



6906734



6095021



1638446



# Inverse Universe

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



14512547



16738734



7462261



7234408



11337808



3014677



# Previews

## White Background



This preview shows how the Decimal color 11235805 looks on a white background.

## Color Contrast Check

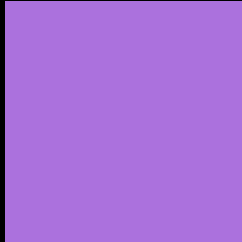
Large Text (above 18pt) WCAG AA ✓ Pass

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 11235805 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

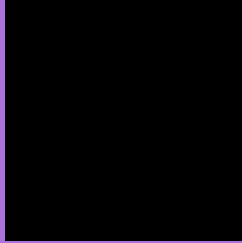
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11235805 Background



This preview shows how black text looks on a background with the Decimal color 11235805.




This preview shows how white text looks on a background with the Decimal color 11235805.

# 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**  
10388622

# Trichromacy



**Original Color**  
11235805



**Protanomaly**  
7897066



**Deuteranomaly**  
8225498



**Tritanomaly**  
10714539

# Monochromacy



**Original Color**  
11235805



**Achromatopsia**  
9408399



**Achromatomaly**  
10060971

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11235805 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 #AB71DD looks like.

```
.text, #text, p{  
    color:#AB71DD  
}
```

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 #AB71DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB71DD
}
```

## Border

The CSS property to change the border of an element to Decimal 11235805 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
#AB71DD }
```

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

```
.border{ border-color:#AB71DD }
```

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

Here you see how a box with a 4 pixel #AB71DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB71DD; -webkit-box-shadow:4px 4px  
4px 4px #AB71DD; box-shadow:4px 4px 4px  
4px #AB71DD }
```

# Background

The CSS property to change the background color of an element to Decimal 11235805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB71DD }
```

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

```
.background{ background-color:#AB71DD }
```

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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