

Converting Colors

Decimal(11469045)

Have a look what the booklet for
Decimal(11469045) contains.

Decimal(11469045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11469045)

Conversions

Conversions Part 1

Format	Color
Hex	AF00F5
RGB	175, 0, 245
RGB Percent	69%, 0%, 96%
CMY	0.3137, 1.0000, 0.0392
CMYK	0.29, 1.00, 0.00, 0.04
HSL	283°, 100%, 48%
HSV	283°, 100%, 96%
XYZ	34.1606, 15.7065, 87.6174
YIQ	80.2550, 25.6550, 113.2950

Conversions

Conversions Part 2

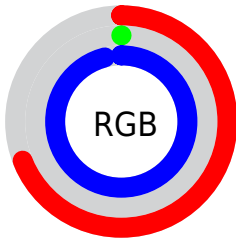
Format	Color
R_{YB}	175, 0, 245
Decimal	11469045
CIE _{Lab}	46.59, 85.72, -78.12
CIE _{LCh}	47, 115.977, 317.658
Yxy	15.7065, 0.2485, 0.1142
Android (android.graphics.Color)	4289659125 (0xFFAF00F5)
YUV	80.2550, 81.2193, 83.0914
Hunter-Lab	39.6315, 84.5043, -103.3365

Details

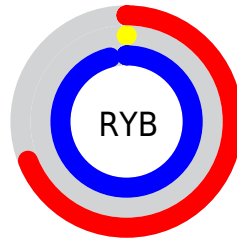
The Decimal color **11469045** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **4650240**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **15489791**, and **7471291** is the 20% darker color. If you saturate the color by 10%, you get **11469045**, and if you desaturate by 10%, it is **11933941**.

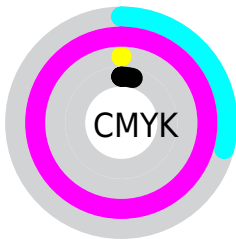
Distribution



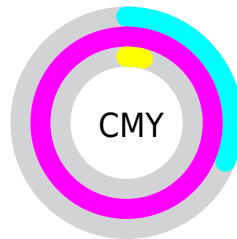
- Red (69%)
- Green (0%)
- Blue (96%)



- Red (69%)
- Yellow (0%)
- Blue (96%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)




















- Cyan (31%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11469045 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 11469045 by changing the saturation by 10% instead.

 11469045	 11469045
16777215	 9502936
 15489791	 7471291
 16742911	 5439647
 16750335	 3211396
 16758015	 106
 16765695	 81
 16773375	 1336
	 546
	 8

 11469045

 11933941

 12399093

 12864245

 13329141

 13794293

 14259189

 14724085

 15189237

 15654389

Harmonies

Analogous

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



27391



11469045



16580763

Triad

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



11469045



10968064



37288

Complementary

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



11469045



4650240

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.



36417



11469045



5143296

Square

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



11469045



15138816



35072



37375

Rectangle

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



11469045



16711771



35072



36998

Sweetspot

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



11469045



15315967



18933



7492224



0



8421504

Same Dimension

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



11469045



11927807



16056516



7827066



8716474



2752571

Inverse Universe

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



16056390



16711753



62769



8023666



12189749



3866641

Previews

White Background



This preview shows how the Decimal color 11469045 looks on a white background.

Color Contrast Check

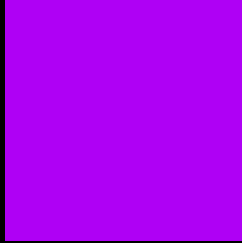
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 11469045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

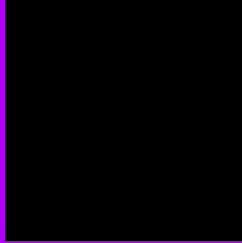
Any Text WCAG AA × Fail

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 11469045 Background



This preview shows how black text looks on a background with the Decimal color 11469045.

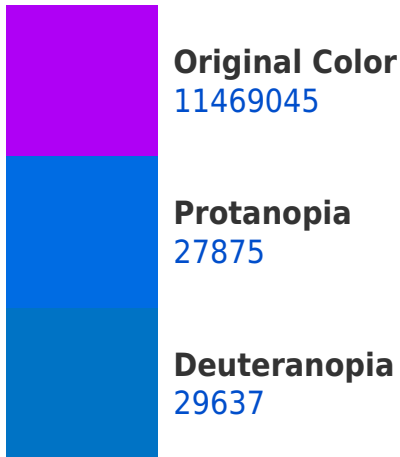


This preview shows how white text looks on a background with the Decimal color 11469045.

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
9920615

Trichromacy



Original Color

11469045



Protanomaly

4212202



Deuteranomaly

4213206



Tritanomaly

10501531

Monochromacy



Original Color

11469045



Achromatopsia

5263440



Achromatomaly

7549836

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11469045 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 #AF00F5 looks like.

```
.text, #text, p{  
    color:#AF00F5  
}
```

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 #AF00F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF00F5
}
```

Border

The CSS property to change the border of an element to Decimal 11469045 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
#AF00F5 }
```

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

```
.border{ border-color:#AF00F5 }
```

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

Here you see how a box with a 4 pixel #AF00F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF00F5; -webkit-box-shadow:4px 4px  
4px 4px #AF00F5; box-shadow:4px 4px 4px  
4px #AF00F5 }
```

Background

The CSS property to change the background color of an element to Decimal 11469045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF00F5 }
```

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

```
.background{ background-color:#AF00F5 }
```

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](https://twitter.com/ConvertingColor)