

Converting Colors

Decimal(11229429)

Have a look what the booklet for
Decimal(11229429) contains.

| | |
|--|----|
| Decimal(11229429) | 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(11229429)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB58F5 |
| RGB | 171, 88, 245 |
| RGB Percent | 67%, 35%, 96% |
| CMY | 0.3294, 0.6549, 0.0392 |
| CMYK | 0.30, 0.64, 0.00, 0.04 |
| HSL | 272°, 89%, 65% |
| HSV | 272°, 64%, 96% |
| XYZ | 36.7657, 22.2299, 88.7392 |
| YIQ | 130.7150, -0.9290, 66.4230 |

Conversions

Conversions Part 2

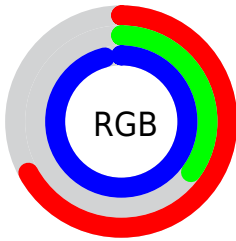
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 171, 88, 245 |
| Decimal | 11229429 |
| CIE Lab | 54.27, 61.42, -65.66 |
| CIE LCh | 54, 89.911, 313.089 |
| Yxy | 22.2299, 0.2489, 0.1505 |
| Android (android.graphics.Color) | 4289419509 (0xFFAB58F5) |
| YUV | 130.7150, 56.3425, 35.3299 |
| Hunter-Lab | 47.1486, 56.6813, -78.5866 |

Details

The Decimal color **11229429** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **10679640**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15109887**, and **7413948** is the 20% darker color. If you saturate the color by 10%, you get **10436853**, and if you desaturate by 10%, it is **12022261**.

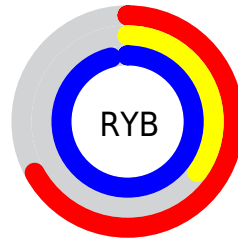
Distribution



Red (67%)

Green (35%)

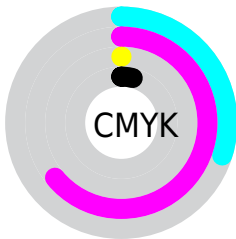
Blue (96%)



Red (67%)

Yellow (35%)

Blue (96%)

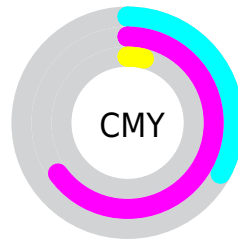


Cyan (30%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (33%)
















Magenta (65%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11229429 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 11229429 by changing the saturation by 10% instead.

| | |
|--|--|
|  11229429 |  11229429 |
| 16777215 |  9321944 |
|  15109887 |  7413948 |
|  16755455 |  5505184 |
|  16762623 |  3473541 |
|  16770047 |  983147 |
| |  82 |
| |  1337 |
| |  547 |
| |  10 |

■ 11229429

■ 11229429

■ 10436853

■ 12022261

■ 9709557

■ 12749301

■ 8916981

■ 13542133

■ 8519925

■ 14269173

■ 15062005

■ 15789045

■ 16580597

■ 16777205

Harmonies

Analogous

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



33279



11229429



15861425

Triad

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



11229429



12676608



41635

Complementary

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



11229429



10679640

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.



40785



11229429



8358144

Square

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



11229429



15810323



38912



41196

Rectangle

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



11229429



16711805



38912



41352

Sweetspot

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



11229429



15257599



5809397



7496320



0



8421504

Same Dimension

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



11229429



10632191



16079090



7695994



6422714



2031675

Inverse Universe

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



16079010



16726935



5829979



8023668



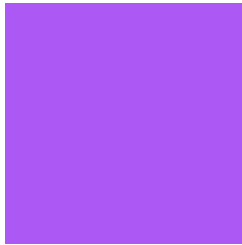
12189784



3866652

Previews

White Background



This preview shows how the Decimal color 11229429 looks on a white background.

Color Contrast Check

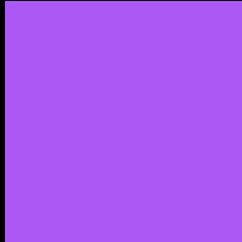
Large Text (above 18pt) WCAG AA ✓ Pass

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 11229429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

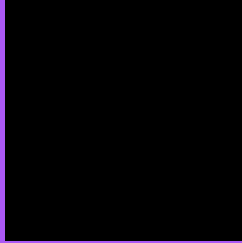
Any Text WCAG AA ✓ Pass

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 11229429 Background



This preview shows how black text looks on a background with the Decimal color 11229429.

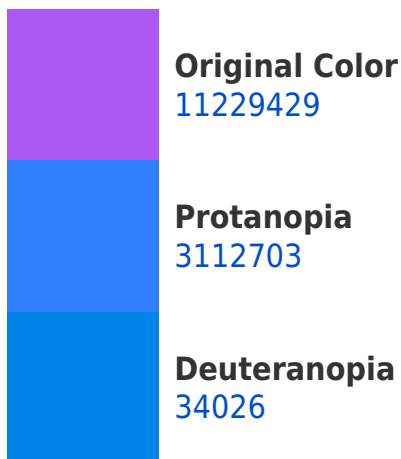



This preview shows how white text looks on a background with the Decimal color 11229429.

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
9861763

Trichromacy



Original Color
11229429

Protanomaly
6058235

Deuteranomaly
4093166

Tritanomaly
10383020

Monochromacy



Original Color
11229429

Achromatopsia
8618883

Achromatomaly
9597868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11229429 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 #AB58F5 looks like.

```
.text, #text, p{  
    color:#AB58F5  
}
```

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 #AB58F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB58F5
}
```

Border

The CSS property to change the border of an element to Decimal 11229429 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
#AB58F5 }
```

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

```
.border{ border-color:#AB58F5 }
```

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

Here you see how a box with a 4 pixel #AB58F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB58F5; -webkit-box-shadow:4px 4px  
4px 4px #AB58F5; box-shadow:4px 4px 4px  
4px #AB58F5 }
```

Background

The CSS property to change the background color of an element to Decimal 11229429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB58F5 }
```

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

```
.background{ background-color:#AB58F5 }
```

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