

# Converting Colors

Decimal(11689969)

Have a look what the booklet for  
Decimal(11689969) contains.

<b>Decimal(11689969)</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(11689969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B25FF1
RGB	178, 95, 241
RGB Percent	70%, 37%, 95%
CMY	0.3020, 0.6275, 0.0549
CMYK	0.26, 0.61, 0.00, 0.05
HSL	274°, 84%, 66%
HSV	274°, 61%, 95%
XYZ	38.3295, 24.0003, 85.8314
YIQ	136.4610, 2.6020, 63.0020

# Conversions

## Conversions Part 2

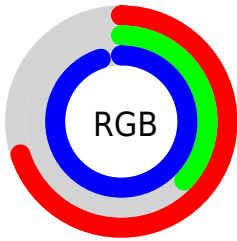
Format	Color
<b>RYB</b>	178, 95, 241
Decimal	11689969
CIELab	56.09, 58.68, -60.46
CIELCh	56, 84.256, 314.142
Yxy	24.0003, 0.2587, 0.1620
Android (android.graphics.Color)	4289880049 (0xFFB25FF1)
YUV	136.4610, 51.5377, 36.4297
Hunter-Lab	48.9901, 53.9245, -69.5840

# Details

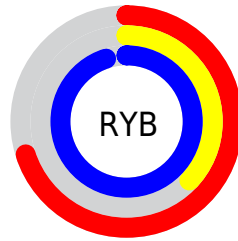
The Decimal color **11689969** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **10416479**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **15570431**, and **7940280** is the 20% darker color. If you saturate the color by 10%, you get **11028465**, and if you desaturate by 10%, it is **12351473**.

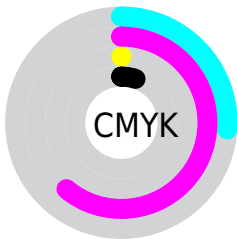
# Distribution



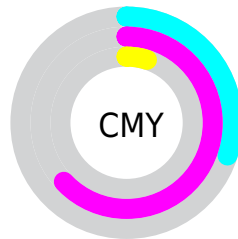
- Red (70%)
- Green (37%)
- Blue (95%)



- Red (70%)
- Yellow (37%)
- Blue (95%)



- Cyan (26%)
- Magenta (61%)
- Yellow (0%)
- Black (5%)


















- Cyan (30%)
- Magenta (63%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11689969 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 11689969 by changing the saturation by 10% instead.



 11689969	 11689969
16777215	 9782484
 15570431	 7940280
 16757247	 6030236
 16764415	 4128898
 16771839	 2097256
	 79
	 1335
	 544
	 5

■ 11689969

■ 11689969

■ 11028465

■ 12351473

■ 10301425

■ 13078513

■ 9639921

■ 13740017

■ 8978673

■ 14467057

■ 15128561

■ 15790321

■ 16515057

■ 16777201

# Harmonies

## Analogous

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



34047



11689969



15936688

# Triad

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



11689969



12743936



42664

# Complementary

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



11689969



10416479

# 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.



41819



11689969



8621568

# Square

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



11689969



15748382



1481728



42220

# Rectangle

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



11689969



16716672



1481728



42383



# Sweetspot

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



11689969



15454719



6266609



7562112



0



8421504



# Same Dimension

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



11689969



11486719



15818727



7564408



6815928



2097208



# Inverse Universe

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



15818654



16729493



6287721



7892081



12058703

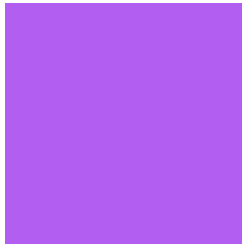


3670040



# Previews

## White Background



This preview shows how the Decimal color 11689969 looks on a white background.

## Color Contrast Check

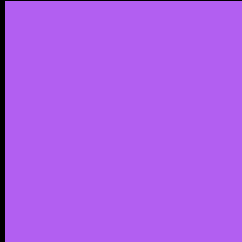
Large Text (above 18pt) WCAG AA ✓ Pass

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 11689969 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

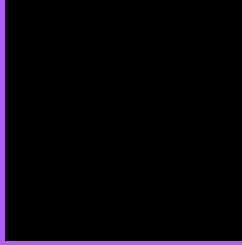
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 11689969 Background



This preview shows how black text looks on a background with the Decimal color 11689969.




This preview shows how white text looks on a background with the Decimal color 11689969.

# 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**  
10517895

# Trichromacy



**Original Color**  
11689969



**Protanomaly**  
6977274



**Deuteranomaly**  
6650348



**Tritanomaly**  
10973870

# Monochromacy



**Original Color**  
11689969



**Achromatopsia**  
8947848



**Achromatomaly**  
9927086

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11689969 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 #B25FF1 looks like.

```
.text, #text, p{  
    color:#B25FF1  
}
```

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 #B25FF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25FF1
}
```

## Border

The CSS property to change the border of an element to Decimal 11689969 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
#B25FF1 }
```

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

```
.border{ border-color:#B25FF1 }
```

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

Here you see how a box with a 4 pixel #B25FF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25FF1; -webkit-box-shadow:4px 4px  
4px 4px #B25FF1; box-shadow:4px 4px 4px  
4px #B25FF1 }
```

# Background

The CSS property to change the background color of an element to Decimal 11689969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25FF1 }
```

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

```
.background{ background-color:#B25FF1 }
```

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