

# Converting Colors

Decimal(11741695)

Have a look what the booklet for  
Decimal(11741695) contains.

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**Color**

**Decimal(11741695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B329FF
RGB	179, 41, 255
RGB Percent	70%, 16%, 100%
CMY	0.2980, 0.8392, 0.0000
CMYK	0.30, 0.84, 0.00, 0.00
HSL	279°, 100%, 58%
HSV	279°, 84%, 100%
XYZ	37.4333, 18.3896, 96.1843
YIQ	106.6580, 13.5540, 95.8100

# Conversions

## Conversions Part 2

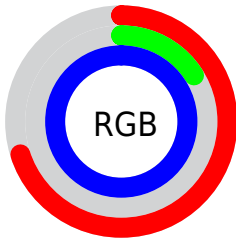
Format	Color
R <sub>Y</sub> B	179, 41, 255
Decimal	11741695
CIE Lab	49.97, 82.17, -78.17
CIE LCh	50, 113.411, 316.429
Yxy	18.3896, 0.2463, 0.1210
Android (android.graphics.Color)	4289931775 (0xFFB329FF)
YUV	106.6580, 73.1326, 63.4439
Hunter-Lab	42.8831, 80.7702, -102.9660

# Details

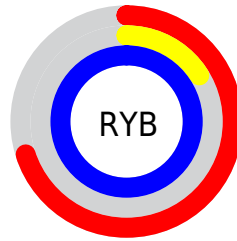
The Decimal color **11741695** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **7733033**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **15756031**, and **7733445** is the 20% darker color. If you saturate the color by 10%, you get **11145471**, and if you desaturate by 10%, it is **12337919**.

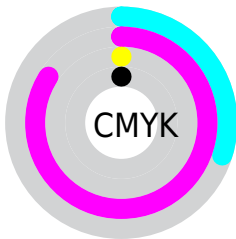
# Distribution



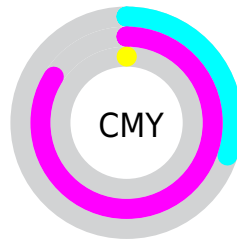
- Red (70%)
- Green (16%)
- Blue (100%)



- Red (70%)
- Yellow (16%)
- Blue (100%)



- Cyan (30%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



















- Cyan (30%)
- Magenta (84%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11741695 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 11741695 by changing the saturation by 10% instead.



 11741695	 11741695
16777215	 9765090
 15756031	 7733445
 16746751	 5701801
 16754175	 3539085
 16761855	 983155
 16769279	 89
16776959	 1856
	 809
	 276

■ 11741695

■ 11741695

■ 11145471

■ 12337919

■ 10748159

■ 12934399

■ 13530879

■ 14127103

■ 14723583

■ 15319807

■ 15916287

■ 16512511

16777215

# Harmonies

## Analogous

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



29951



11741695



16711847

# Triad

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



11741695



11821824



39596

# Complementary

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



11741695



7733033

# 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.



38725



11741695



6193920

# Square

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



11741695



15859712



37120



39679

# Rectangle

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



11741695



16711784



37120



39306



# Sweetspot

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



11741695



15253503



2717695



7494016



0



8421504



# Same Dimension

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



11741695



10748159



16722402



8090496



8061119



2687040



# Inverse Universe

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



16722293



16711771



2752326



8418167



12517444

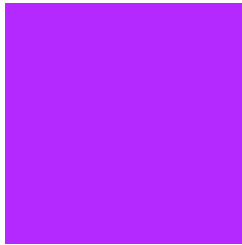


4194327



# Previews

## White Background



This preview shows how the Decimal color 11741695 looks on a white background.

## Color Contrast Check

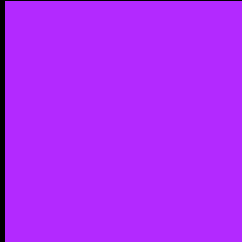
Large Text (above 18pt) WCAG AA ✓ Pass

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 11741695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

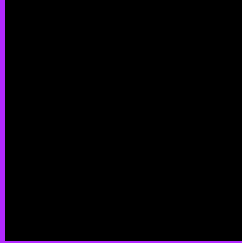
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11741695 Background



This preview shows how black text looks on a background with the Decimal color 11741695.

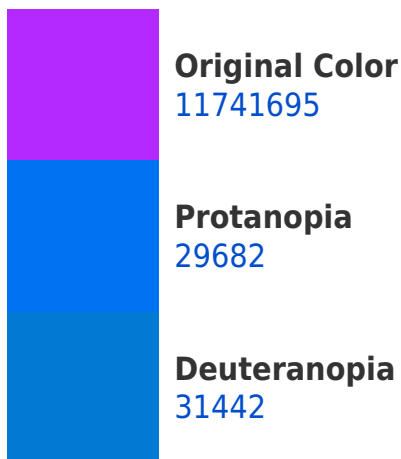


This preview shows how white text looks on a background with the Decimal color 11741695.

# 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**  
10185073

# Trichromacy



**Original Color**  
11741695



**Protanomaly**  
4282615



**Deuteranomaly**  
4283874



**Tritanomaly**  
10769061

# Monochromacy



**Original Color**  
11741695



**Achromatopsia**  
7039851



**Achromatomaly**  
8737697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11741695 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 #B329FF looks like.

```
.text, #text, p{  
    color:#B329FF  
}
```

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 #B329FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B329FF
}
```

## Border

The CSS property to change the border of an element to Decimal 11741695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

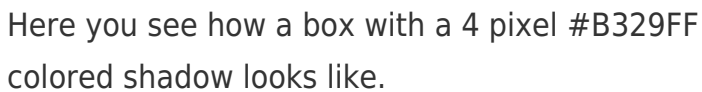
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B329FF }
```

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

```
.border{ border-color:#B329FF }
```

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



Here you see how a box with a 4 pixel #B329FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B329FF; -webkit-box-shadow:4px 4px  
4px 4px #B329FF; box-shadow:4px 4px 4px  
4px #B329FF }
```

# Background

The CSS property to change the background color of an element to Decimal 11741695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B329FF }
```

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

```
.background{ background-color:#B329FF }
```

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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