

# Converting Colors

Decimal(11817973)

Have a look what the booklet for  
Decimal(11817973) contains.

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# Color

**Decimal(11817973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B453F5
RGB	180, 83, 245
RGB Percent	71%, 33%, 96%
CMY	0.2941, 0.6745, 0.0392
CMYK	0.27, 0.66, 0.00, 0.04
HSL	276°, 89%, 64%
HSV	276°, 66%, 96%
XYZ	38.3971, 22.4824, 88.7020
YIQ	130.4710, 5.8100, 70.9460

# Conversions

## Conversions Part 2

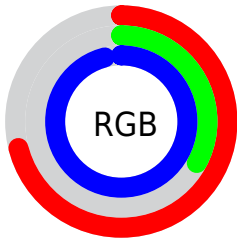
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	180, 83, 245
Decimal	11817973
CIE Lab	54.54, 65.59, -65.18
CIE LCh	55, 92.468, 315.181
Yxy	22.4824, 0.2567, 0.1503
Android (android.graphics.Color)	4290008053 (0xFFB453F5)
YUV	130.4710, 56.4628, 43.4369
Hunter-Lab	47.4156, 61.5718, -77.7249

# Details

The Decimal color **11817973** 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 **9762131**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15764223**, and **8000956** is the 20% darker color. If you saturate the color by 10%, you get **11156469**, and if you desaturate by 10%, it is **12479733**.

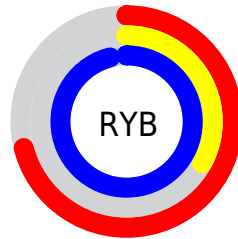
# Distribution



Red (71%)

Green (33%)

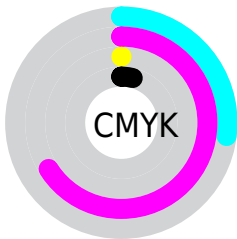
Blue (96%)



Red (71%)

Yellow (33%)

Blue (96%)

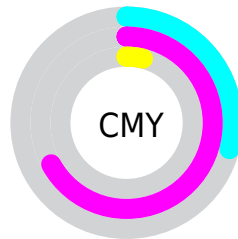


Cyan (27%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (67%)


















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11817973 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 11817973 by changing the saturation by 10% instead.



 11817973	 11817973
 16777215	 9910232
 15764223	 8000956
 16754431	 6095008
 16761855	 4128901
 16769279	 2031723
 16776703	 82
	 1337
	 547
	 10

■ 11817973

■ 11817973

■ 11156469

■ 12479733

■ 10494709

■ 13141237

■ 9898741

■ 13737461

■ 9634037

■ 14398965

■ 15060725

■ 15722229

■ 16383989

■ 16777205

# Harmonies

## Analogous

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



33023



11817973



16318638

# Triad

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



11817973



12546048



41898

# Complementary

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



11817973



9762131

# 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.



41302



11817973



7965696

# Square

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



11817973



15810562



39424



41460

# Rectangle

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



11817973



16711800



39424



41871



# Sweetspot

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



11817973



15453439



5478389



7561600



0



8421504



# Same Dimension

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



11817973



11417343



16077800



7695994



7274682



2293819



# Inverse Universe

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



16077716



16725638



5502304



8023667



12189771

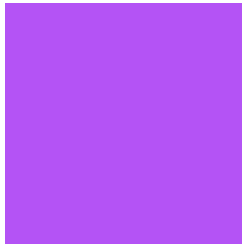


3866648



# Previews

## White Background



This preview shows how the Decimal color 11817973 looks on a white background.

## Color Contrast Check

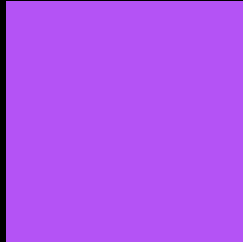
Large Text (above 18pt) WCAG AA ✓ Pass

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 11817973 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

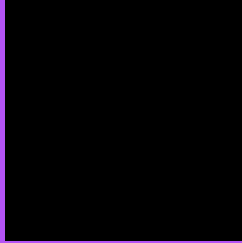
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11817973 Background



This preview shows how black text looks on a background with the Decimal color 11817973.




This preview shows how white text looks on a background with the Decimal color 11817973.

# 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



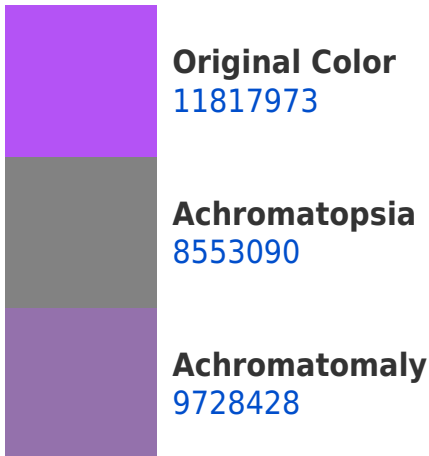


**Tritanopia**  
10516352

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11817973 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 #B453F5 looks like.

```
.text, #text, p{  
    color:#B453F5  
}
```

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 #B453F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B453F5
}
```

## Border

The CSS property to change the border of an element to Decimal 11817973 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
#B453F5 }
```

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

```
.border{ border-color:#B453F5 }
```

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

Here you see how a box with a 4 pixel #B453F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B453F5; -webkit-box-shadow:4px 4px  
4px 4px #B453F5; box-shadow:4px 4px 4px  
4px #B453F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 11817973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B453F5 }
```

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

```
.background{ background-color:#B453F5 }
```

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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