

# Converting Colors

Decimal(11946218)

Have a look what the booklet for  
Decimal(11946218) contains.

<b>Decimal(11946218)</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(11946218)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B648EA
RGB	182, 72, 234
RGB Percent	71%, 28%, 92%
CMY	0.2863, 0.7176, 0.0824
CMYK	0.22, 0.69, 0.00, 0.08
HSL	281°, 79%, 60%
HSV	281°, 69%, 92%
XYZ	36.4601, 20.5203, 79.8811
YIQ	123.3580, 13.5580, 73.7020

# Conversions

## Conversions Part 2

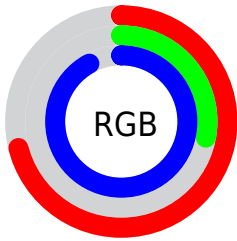
Format	Color
<a href="#">RYB</a>	<a href="#">182, 72, 234</a>
Decimal	<a href="#">11946218</a>
CIELab	<a href="#">52.42, 68.38, -62.41</a>
CIELCh	<a href="#">52, 92.584, 317.612</a>
Yxy	<a href="#">20.5203, 0.2664, 0.1499</a>
Android (android.graphics.Color)	<a href="#">4290136298 (0xFFB648EA)</a>
YUV	<a href="#">123.3580, 54.5465, 51.4290</a>
Hunter-Lab	<a href="#">45.2994, 64.3952, -72.8426</a>

# Details

The Decimal color **11946218** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8186440**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **15892735**, and **8126641** is the 20% darker color. If you saturate the color by 10%, you get **11416042**, and if you desaturate by 10%, it is **12476394**.

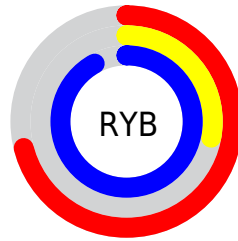
# Distribution



Red (71%)

Green (28%)

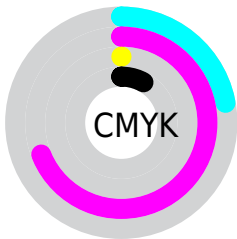
Blue (92%)



Red (71%)

Yellow (28%)

Blue (92%)

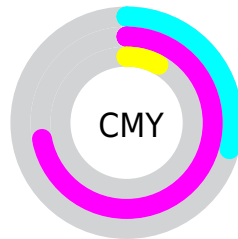


Cyan (22%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (29%)

Magenta (72%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11946218 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 11946218 by changing the saturation by 10% instead.



 11946218

 11946218

16777215

 10037709

 15892735

 8126641

 16752127

 6226070

 16759295

 4325499

 16766719

 2424930

 16774399

 73

 1073

 283

 0

 11946218

 11946218

 11416042

 12476394

 10951146

 12941290

 10420970

 13471466

 10420458

 13936362

 14466538

 14931178

 15461610

 15925226

 16449514

# Harmonies

## Analogous

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



30975



11946218



16056482

# Triad

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



11946218



11759104



40363

# Complementary

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



11946218



8186440

# 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.



39768



11946218



7178240

# Square

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



11946218



15154944



38144



39923

# Rectangle

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



11946218



16711789



38144



40336



# Sweetspot

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



11946218



15649279



4751082



7692416



0



8421504



# Same Dimension

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



11946218



12266495



15354063



7498357



8061109



2359350



# Inverse Universe

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



15353980



16722799



4778595



7694957



11862074

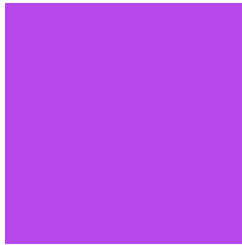


3538961



# Previews

## White Background



This preview shows how the Decimal color 11946218 looks on a white background.

## Color Contrast Check

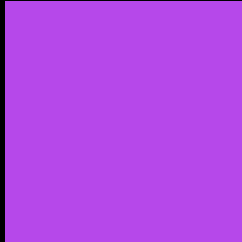
Large Text (above 18pt) WCAG AA ✓ Pass

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 11946218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

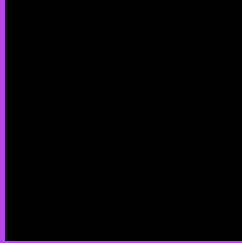
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11946218 Background



This preview shows how black text looks on a background with the Decimal color 11946218.

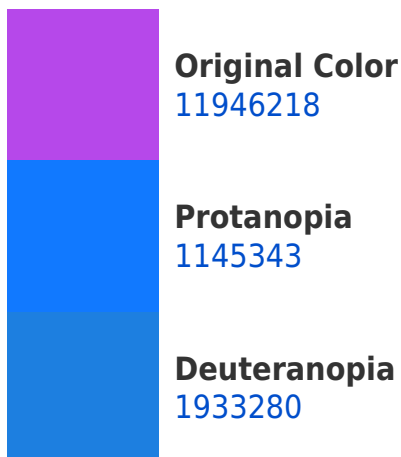


This preview shows how white text looks on a background with the Decimal color 11946218.

# 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**  
10776182

# Trichromacy



**Original Color**  
11946218



**Protanomaly**  
5072887



**Deuteranomaly**  
5598180



**Tritanomaly**  
11231392

# Monochromacy



**Original Color**  
11946218



**Achromatopsia**  
8092539



**Achromatomaly**  
9463971

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11946218 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 #B648EA looks like.

```
.text, #text, p{  
    color:#B648EA  
}
```

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 #B648EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B648EA
}
```

## Border

The CSS property to change the border of an element to Decimal 11946218 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".

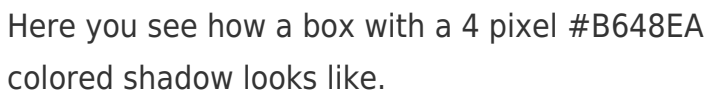
```
.border, #border, table{ border:4px solid
#B648EA }
```

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

```
.border{ border-color:#B648EA }
```

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

Here you see how a box with a 4 pixel #B648EA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B648EA; -webkit-box-shadow:4px 4px  
4px 4px #B648EA; box-shadow:4px 4px 4px  
4px #B648EA }
```

# Background

The CSS property to change the background color of an element to Decimal 11946218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B648EA }
```

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

```
.background{ background-color:#B648EA }
```

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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