

# Converting Colors

Decimal(11961820)

Have a look what the booklet for  
Decimal(11961820) contains.

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# **Color**

**Decimal(11961820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B685DC
RGB	182, 133, 220
RGB Percent	71%, 52%, 86%
CMY	0.2863, 0.4784, 0.1373
CMYK	0.17, 0.40, 0.00, 0.14
HSL	274°, 55%, 69%
HSV	274°, 40%, 86%
XYZ	40.5972, 31.8874, 71.7253
YIQ	157.5690, 1.2770, 37.4450

# Conversions

## Conversions Part 2

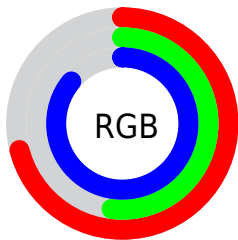
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 133, 220
Decimal	11961820
CIELab	63.25, 34.96, -37.38
CIELCh	63, 51.180, 313.078
Yxy	31.8874, 0.2815, 0.2211
Android (android.graphics.Color)	4290151900 (0xFFB685DC)
YUV	157.5690, 30.7785, 21.4260
Hunter-Lab	56.4690, 29.5082, -35.7802

# Details

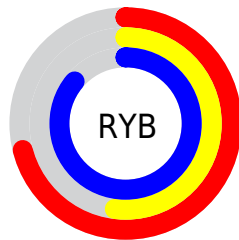
The Decimal color **11961820** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11263109**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **15711231**, and **8344229** is the 20% darker color. If you saturate the color by 10%, you get **11300828**, and if you desaturate by 10%, it is **12622812**.

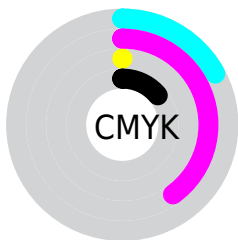
# Distribution



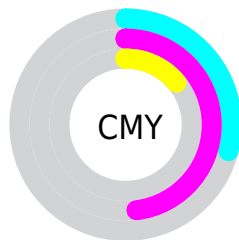
- Red (71%)
- Green (52%)
- Blue (86%)



- Red (71%)
- Yellow (52%)
- Blue (86%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (48%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11961820 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 11961820 by changing the saturation by 10% instead.



 11961820

 11961820

16777215

 10120128

 15711231

 8344229


 16766975

 6634122

 16774143

 4989808

 3279447

 1769536

 41

 275

 0

■ 11961820

■ 11961820

■ 11300828

■ 12622812

■ 10705372

■ 13218268

■ 10044380

■ 13879260

■ 9448924

■ 14474716

■ 8787932

■ 15135708

■ 8126940

■ 15794140

■ 8126684

■ 16383964

■ 16777180

# Harmonies

## Analogous

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



7247858



11961820



14644661

# Triad

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



11961820



13143360



45228

# Complementary

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



11961820



11263109

# 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.



1027709



11961820



10526011

# Square

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



11961820



15039581



7186516



44502

# Rectangle

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



11961820



15495574



7186516



45213



# Sweetspot

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



11961820



15917311



8760540



7892608



0



8421504



# Same Dimension

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



11961820



13338623



14452184



6906734



6422701



1703982



# Inverse Universe

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



14452139



16746427



8772745



7234407



11337804



3014676



# Previews

## White Background



This preview shows how the Decimal color 11961820 looks on a white background.

## Color Contrast Check

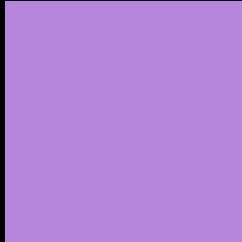
Large Text (above 18pt) WCAG AA × Fail

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 11961820 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 ✓ Pass

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



## Decimal 11961820 Background



This preview shows how black text looks on a background with the Decimal color 11961820.



This preview shows how white text looks on a background with the Decimal color 11961820.

# 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**  
11309726

# Trichromacy



**Original Color**  
11961820



**Protanomaly**  
9474278



**Deuteranomaly**  
9867737



**Tritanomaly**  
11570613

# Monochromacy



**Original Color**  
11961820



**Achromatopsia**  
10395294



**Achromatomaly**  
10982837

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11961820 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 #B685DC looks like.

```
.text, #text, p{  
    color:#B685DC  
}
```

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 #B685DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B685DC
}
```

## Border

The CSS property to change the border of an element to Decimal 11961820 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
#B685DC }
```

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

```
.border{ border-color:#B685DC }
```

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

Here you see how a box with a 4 pixel #B685DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B685DC; -webkit-box-shadow:4px 4px  
4px 4px #B685DC; box-shadow:4px 4px 4px  
4px #B685DC }
```

# Background

The CSS property to change the background color of an element to Decimal 11961820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B685DC }
```

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

```
.background{ background-color:#B685DC }
```

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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