

# Converting Colors

Decimal(11776999)

Have a look what the booklet for  
Decimal(11776999) contains.

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# **Color**

**Decimal(11776999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B3E7
RGB	179, 179, 231
RGB Percent	70%, 70%, 91%
CMY	0.2980, 0.2980, 0.0941
CMYK	0.23, 0.23, 0.00, 0.09
HSL	240°, 52%, 80%
HSV	240°, 23%, 91%
XYZ	49.1343, 47.5934, 82.1981
YIQ	184.9280, -16.6920, 16.1720

# Conversions

## Conversions Part 2

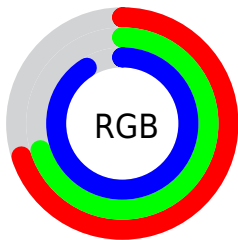
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 179, 231
Decimal	11776999
CIE <sub>Lab</sub>	74.57, 10.91, -25.96
CIE <sub>LCh</sub>	75, 28.155, 292.790
Yxy	47.5934, 0.2746, 0.2660
Android (android.graphics.Color)	4289967079 (0xFFB3B3E7)
YUV	184.9280, 22.7135, -5.1989
Hunter-Lab	68.9880, 6.4015, -22.3515

# Details

The Decimal color **11776999** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15198131**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **15461375**, and **8224431** is the 20% darker color. If you saturate the color by 10%, you get **10263783**, and if you desaturate by 10%, it is **13290215**.

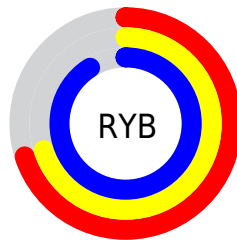
# Distribution



Red (70%)

Green (70%)

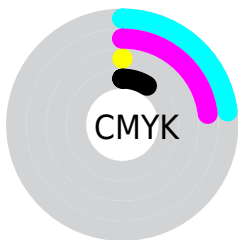
Blue (91%)



Red (70%)

Yellow (70%)

Blue (91%)

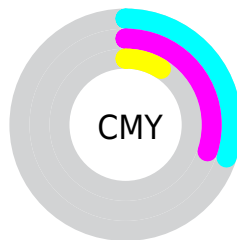


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (30%)

Magenta (30%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11776999 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 11776999 by changing the saturation by 10% instead.



■ 11776999

16777215

■ 15461375

■ 11776999

■ 10000587

■ 8224431

■ 6579605

■ 4935291

■ 3290978

■ 1712713

■ 134195

■ 541

■ 0

■ 11776999

■ 11776999

■ 10263783

■ 13290215

■ 8750567

■ 14803431

■ 7237351

■ 16316647

■ 5724135

■ 16777191

■ 4145127

■ 2631911

■ 1118695

■ 231

# Harmonies

## Analogous

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



9354474



11776999



13871831

# Triad

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



11776999



14986127



8177328

# Complementary

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



11776999



15198131

# 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.



10011287



11776999



13677700

# Square

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



11776999



15508901



11975815



6997707

# Rectangle

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



11776999



14788295



11975815



8701351



# Sweetspot

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



11776999



15592959



11790311



7697792



0



8421504



# Same Dimension

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



11776999



12237567



13480935



6776691



179



51



# Inverse Universe

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



15184871



16759551



13494195



7563123



11731123

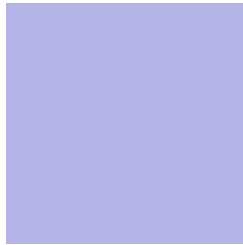


3342387



# Previews

## White Background



This preview shows how the Decimal color 11776999 looks on a white background.

## Color Contrast Check

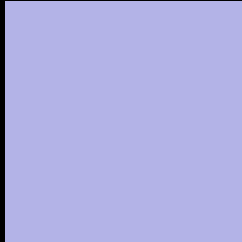
Large Text (above 18pt) WCAG AA × Fail

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 11776999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

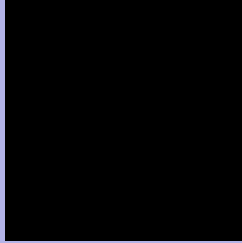
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11776999 Background



This preview shows how black text looks on a background with the Decimal color 11776999.



This preview shows how white text looks on a background with the Decimal color 11776999.

# 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](#).

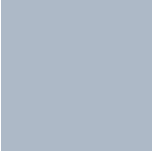
## Dichromacy



**Original Color**  
11776999

**Protanopia**  
11187689

**Deuteranopia**  
11646183

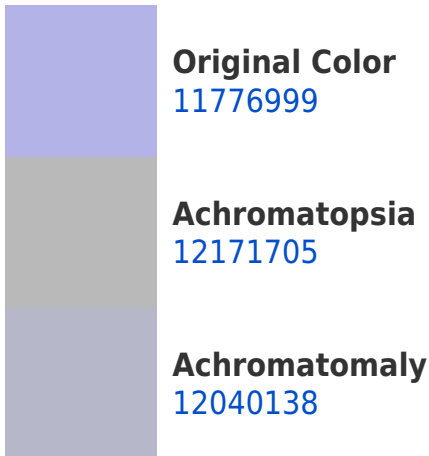


**Tritanopia**  
11385287

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11776999 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 #B3B3E7 looks like.

```
.text, #text, p{  
    color:#B3B3E7  
}
```

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 #B3B3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B3E7
}
```

## Border

The CSS property to change the border of an element to Decimal 11776999 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
#B3B3E7 }
```

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

```
.border{ border-color:#B3B3E7 }
```

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

Here you see how a box with a 4 pixel #B3B3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B3E7; -webkit-box-shadow:4px 4px  
4px 4px #B3B3E7; box-shadow:4px 4px 4px  
4px #B3B3E7 }
```

# Background

The CSS property to change the background color of an element to Decimal 11776999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B3E7 }
```

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

```
.background{ background-color:#B3B3E7 }
```

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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