

# Converting Colors

Decimal(11760872)

Have a look what the booklet for  
Decimal(11760872) contains.

<b>Decimal(11760872)</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(11760872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B374E8
RGB	179, 116, 232
RGB Percent	70%, 45%, 91%
CMY	0.2980, 0.5451, 0.0902
CMYK	0.23, 0.50, 0.00, 0.09
HSL	273°, 72%, 68%
HSV	273°, 50%, 91%
XYZ	39.4013, 27.9007, 79.6526
YIQ	148.0610, 0.3120, 49.4320

# Conversions

## Conversions Part 2

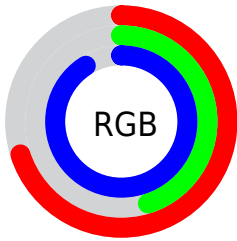
Format	Color
<a href="#">RYB</a>	<a href="#">179, 116, 232</a>
Decimal	<a href="#">11760872</a>
CIELab	<a href="#">59.80, 46.10, -49.52</a>
CIELCh	<a href="#">60, 67.655, 312.948</a>
Yxy	<a href="#">27.9007, 0.2681, 0.1899</a>
Android (android.graphics.Color)	<a href="#">4289950952 (0xFFB374E8)</a>
YUV	<a href="#">148.0610, 41.3819, 27.1335</a>
Hunter-Lab	<a href="#">52.8211, 40.7131, -52.4328</a>

# Details

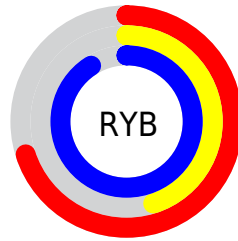
The Decimal color **11760872** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **11135092**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **15575807**, and **8077744** is the 20% darker color. If you saturate the color by 10%, you get **11034088**, and if you desaturate by 10%, it is **12487656**.

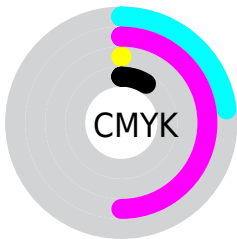
# Distribution



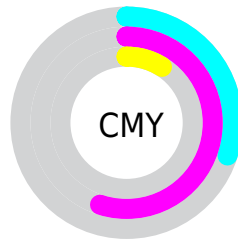
- Red (70%)
- Green (45%)
- Blue (91%)



- Red (70%)
- Yellow (45%)
- Blue (91%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (55%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11760872 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 11760872 by changing the saturation by 10% instead.



11760872

11760872

16777215

9919180

15575807

8077744

16762367

6301845

16769791

4525178

2687073

1179720

561

283

0

11760872

11760872

11034088

12487656

10372840

13148904

9645800

13875944

8984552

14537192

8257768

15263976

15990760

16646120

16777192

# Harmonies

## Analogous

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



3706623



11760872



15292852

# Triad

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



11760872



13140231



44201

# Complementary

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



11760872



11135092

# 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.



43371



11760872



9737472

# Square

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



11760872



15492929



5284400



43488

# Rectangle

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



11760872



16274061



5284400



43924



# Sweetspot

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



11760872



15653375



7645928



7694720



0



8421504



# Same Dimension

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



11760872



12150527



15234276



7235443



6357171



1835059



# Inverse Universe

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



15234217



16737964



7661688



7563117



11731026



3342359



# Previews

## White Background



This preview shows how the Decimal color 11760872 looks on a white background.

## Color Contrast Check

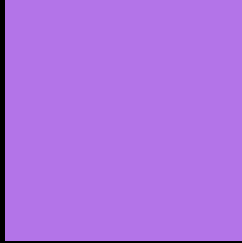
Large Text (above 18pt) WCAG AA ✓ Pass

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 11760872 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 11760872 Background



This preview shows how black text looks on a background with the Decimal color 11760872.



This preview shows how white text looks on a background with the Decimal color 11760872.

# 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**  
10848659

# Trichromacy



**Original Color**

11760872



**Protanomaly**

8094711



**Deuteranomaly**

8488676



**Tritanomaly**

11174322

# Monochromacy



**Original Color**

11760872



**Achromatopsia**

9737364



**Achromatomaly**

10455219

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11760872 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 #B374E8 looks like.

```
.text, #text, p{  
    color:#B374E8  
}
```

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 #B374E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B374E8
}
```

## Border

The CSS property to change the border of an element to Decimal 11760872 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
#B374E8 }
```

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

```
.border{ border-color:#B374E8 }
```

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

Here you see how a box with a 4 pixel #B374E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B374E8; -webkit-box-shadow:4px 4px  
4px 4px #B374E8; box-shadow:4px 4px 4px  
4px #B374E8 }
```

# Background

The CSS property to change the background color of an element to Decimal 11760872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B374E8 }
```

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

```
.background{ background-color:#B374E8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor