

# Converting Colors

Decimal(12176634)

Have a look what the booklet for  
Decimal(12176634) contains.

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# **Color**

**Decimal(12176634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9CCFA
RGB	185, 204, 250
RGB Percent	73%, 80%, 98%
CMY	0.2745, 0.2000, 0.0196
CMYK	0.26, 0.18, 0.00, 0.02
HSL	222°, 87%, 85%
HSV	222°, 26%, 98%
XYZ	58.8558, 60.4021, 98.9992
YIQ	203.5630, -26.0900, 10.2780

# Conversions

## Conversions Part 2

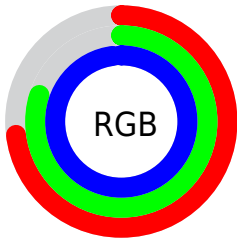
Format	Color
<a href="#">RYB</a>	<a href="#">185, 200, 250</a>
Decimal	<a href="#">12176634</a>
CIELab	<a href="#">82.06, 3.52, -24.69</a>
CIElCh	<a href="#">82, 24.942, 278.107</a>
Yxy	<a href="#">60.4021, 0.2697, 0.2767</a>
Android (android.graphics.Color)	<a href="#">4290366714</a> ( <a href="#">0xFFB9CCFA</a> )
YUV	<a href="#">203.5630, 22.8934, -16.2798</a>
Hunter-Lab	<a href="#">77.7188, -0.8315, -21.1212</a>

# Details

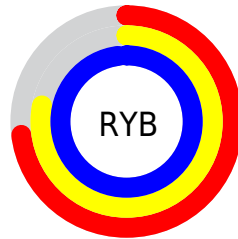
The Decimal color **12176634** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16443321**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **15925247**, and **8623809** is the 20% darker color. If you saturate the color by 10%, you get **10533626**, and if you desaturate by 10%, it is **13819642**.

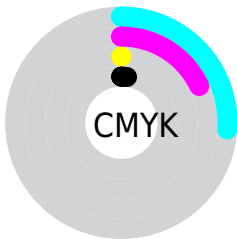
# Distribution



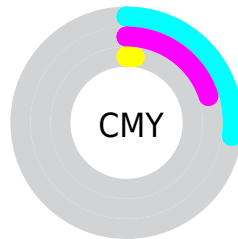
- Red (73%)
- Green (80%)
- Blue (98%)



- Red (73%)
- Yellow (78%)
- Blue (98%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (20%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12176634 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 12176634 by changing the saturation by 10% instead.



■ 12176634

16777215

■ 15925247

■ 12176634

■ 10334685

■ 8623809

■ 6847654

■ 5202828

■ 3558514

■ 1848665

■ 8258

■ 2092

■ 278

■ 12176634

■ 12176634

■ 10533626

■ 13819642

■ 8890874

■ 15462394

■ 7247866

■ 16777210

■ 5604858

■ 3962106

■ 2319098

■ 676090

■ 18938

# Harmonies

## Analogous

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



10212343



12176634



14206193

# Triad

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



12176634



16432816



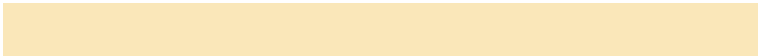
10737850

# Complementary

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



12176634



16443321

# 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.



12440487



12176634



15582625

# Square

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



12176634



16563142



14142878



9427666

# Rectangle

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



12176634



15319013



14142878



11261875



# Sweetspot

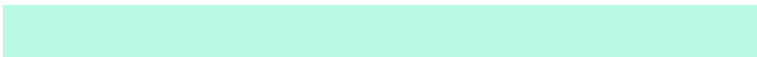
The Sweet Spot groups the original color and five complimentary colors.



12176634



15462911



12188391



7566976



0



8421504



# Same Dimension

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



12176634



11585535



13023738



7369853



14269



4669



# Inverse Universe

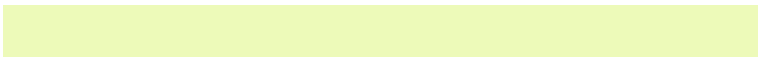
The Inverse Universe completely reimagines the original color for something new.



16431564



16756935



15596217



8220788



12386359



3997714



# Previews

## White Background



This preview shows how the Decimal color 12176634 looks on a white background.

## Color Contrast Check

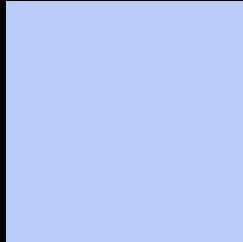
Large Text (above 18pt) WCAG AA × Fail

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 12176634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

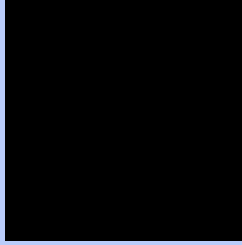
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

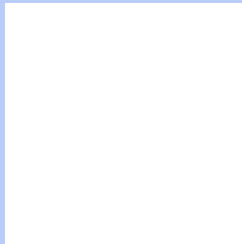
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12176634 Background



This preview shows how black text looks on a background with the Decimal color 12176634.



This preview shows how white text looks on a background with the Decimal color 12176634.

# 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**  
12176634

**Protanopia**  
12700408

**Deuteranopia**  
13158651

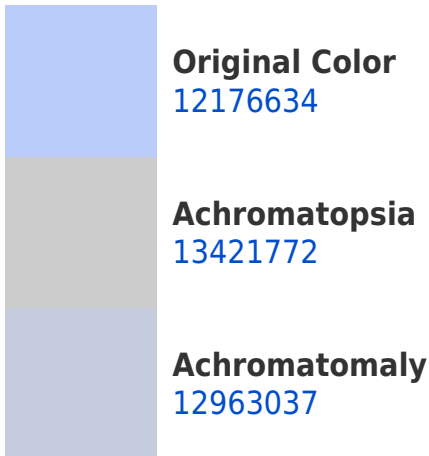


**Tritanopia**  
11849953

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12176634 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 #B9CCFA looks like.

```
.text, #text, p{  
    color:#B9CCFA  
}
```

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 #B9CCFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CCFA
}
```

## Border

The CSS property to change the border of an element to Decimal 12176634 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
#B9CCFA }
```

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

```
.border{ border-color:#B9CCFA }
```

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

Here you see how a box with a 4 pixel #B9CCFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CCFA; -webkit-box-shadow:4px 4px  
4px 4px #B9CCFA; box-shadow:4px 4px 4px  
4px #B9CCFA }
```

# Background

The CSS property to change the background color of an element to Decimal 12176634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CCFA }
```

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

```
.background{ background-color:#B9CCFA }
```

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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