

# Converting Colors

Decimal(11842266)

Have a look what the booklet for  
Decimal(11842266) contains.

<b>Decimal(11842266)</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(11842266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B2DA
RGB	180, 178, 218
RGB Percent	71%, 70%, 85%
CMY	0.2941, 0.3020, 0.1451
CMYK	0.17, 0.18, 0.00, 0.15
HSL	243°, 35%, 78%
HSV	243°, 18%, 85%
XYZ	47.3977, 46.6060, 72.8274
YIQ	183.1580, -11.6480, 12.8640

# Conversions

## Conversions Part 2

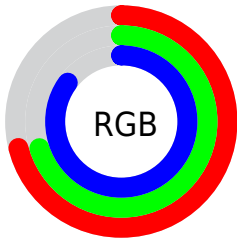
Format	Color
<a href="#">RYB</a>	<a href="#">180, 178, 218</a>
Decimal	<a href="#">11842266</a>
CIELab	<a href="#">73.94, 8.84, -19.84</a>
CIELCh	<a href="#">74, 21.723, 294.012</a>
Yxy	<a href="#">46.6060, 0.2841, 0.2794</a>
Android (android.graphics.Color)	<a href="#">4290032346 (0xFFB4B2DA)</a>
YUV	<a href="#">183.1580, 17.1771, -2.7696</a>
Hunter-Lab	<a href="#">68.2686, 4.4593, -15.4612</a>

# Details

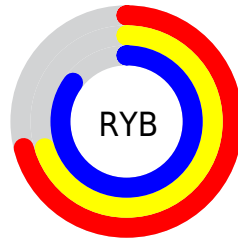
The Decimal color **11842266** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14211762**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **15526655**, and **8355235** is the 20% darker color. If you saturate the color by 10%, you get **10460378**, and if you desaturate by 10%, it is **13224154**.

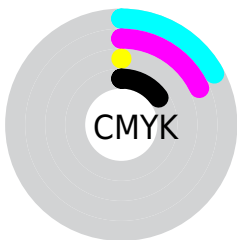
# Distribution



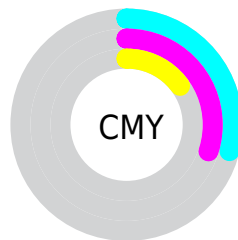
- Red (71%)
- Green (70%)
- Blue (85%)



- Red (71%)
- Yellow (70%)
- Blue (85%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (30%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11842266 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 11842266 by changing the saturation by 10% instead.



■ 11842266

■ 11842266

16777215

■ 10065854

■ 15526655

■ 8355235

■ 6645129

■ 5066095

■ 3487319

■ 2040127

■ 657961

■ 276

■ 0

■ 11842266

■ 11842266

■ 10460378

■ 13224154

■ 9144026

■ 14540506

■ 7762394

■ 15922138

■ 6380506

■ 16777178

■ 4998618

■ 3682266

■ 2300378

■ 918746

■ 721114

# Harmonies

## Analogous

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



10074589



11842266



13413581

# Triad

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



11842266



14200214



9028017

# Complementary

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



11842266



14211762

# 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.



10337950



11842266



13218702

# Square

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



11842266



14657702



11843985



8372677

# Rectangle

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



11842266



14133697



11843985



9420970



# Sweetspot

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



11842266



15790335



11720922



7829376



0



8421504



# Same Dimension

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



11842266



13289471



13152986



6513518



589997



131118



# Inverse Universe

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



14332632



16762876



12901042



7234413



11337893



3014700



# Previews

## White Background



This preview shows how the Decimal color 11842266 looks on a white background.

## Color Contrast Check

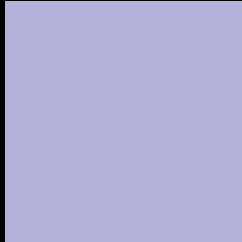
Large Text (above 18pt) WCAG AA × Fail

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 11842266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

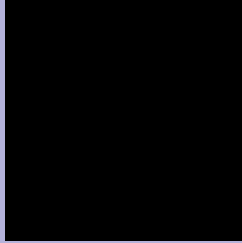
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11842266 Background



This preview shows how black text looks on a background with the Decimal color 11842266.



This preview shows how white text looks on a background with the Decimal color 11842266.

# 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](#).

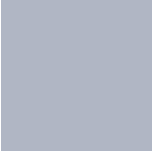
## Dichromacy



**Original Color**  
11842266

**Protanopia**  
11384027

**Deuteranopia**  
11907802



**Tritanopia**  
11581124

# Trichromacy



**Original Color**  
11842266

**Protanomaly**  
11580379

**Deuteranomaly**  
11907802

**Tritanomaly**  
11646412

# Monochromacy



**Original Color**  
11842266

**Achromatopsia**  
12040119

**Achromatomaly**  
11974084

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11842266 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 #B4B2DA looks like.

```
.text, #text, p{  
    color:#B4B2DA  
}
```

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 #B4B2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B2DA
}
```

## Border

The CSS property to change the border of an element to Decimal 11842266 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
#B4B2DA }
```

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

```
.border{ border-color:#B4B2DA }
```

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

Here you see how a box with a 4 pixel #B4B2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B2DA; -webkit-box-shadow:4px 4px  
4px 4px #B4B2DA; box-shadow:4px 4px 4px  
4px #B4B2DA }
```

# Background

The CSS property to change the background color of an element to Decimal 11842266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B2DA }
```

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

```
.background{ background-color:#B4B2DA }
```

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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