

Converting Colors

Decimal(11646701)

Have a look what the booklet for
Decimal(11646701) contains.

Decimal(11646701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11646701)

Conversions

Conversions Part 1

Format	Color
Hex	B1B6ED
RGB	177, 182, 237
RGB Percent	69%, 71%, 93%
CMY	0.3059, 0.2863, 0.0706
CMYK	0.25, 0.23, 0.00, 0.07
HSL	235°, 63%, 81%
HSV	235°, 25%, 93%
XYZ	50.1455, 48.9174, 86.9198
YIQ	186.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

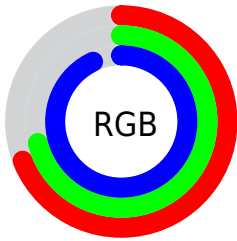
Format	Color
RYB	177, 182, 237
Decimal	11646701
CIELab	75.40, 10.05, -27.94
CIELCh	75, 29.698, 289.786
Yxy	48.9174, 0.2696, 0.2630
Android (android.graphics.Color)	4289836781 (0xFFB1B6ED)
YUV	186.7750, 24.7609, -8.5727
Hunter-Lab	69.9410, 5.5821, -24.7245

Details

The Decimal color **11646701** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15591601**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **15331071**, and **8094133** is the 20% darker color. If you saturate the color by 10%, you get **10068205**, and if you desaturate by 10%, it is **13225197**.

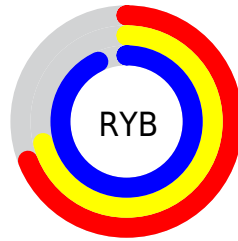
Distribution



Red (69%)

Green (71%)

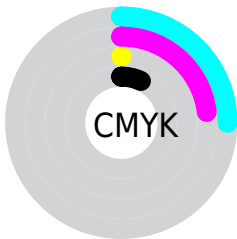
Blue (93%)



Red (69%)

Yellow (71%)

Blue (93%)

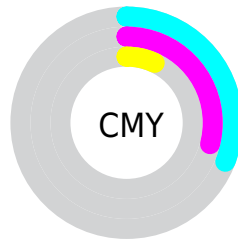


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (31%)













Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11646701 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 11646701 by changing the saturation by 10% instead.

 11646701	 11646701
16777215	 9870289
 15331071	 8094133
	 6383770
	 4739200
	 3094887
	 1385550
	 3895
	 545
	 7

■ 11646701

■ 11646701

■ 10068205

■ 13225197

■ 8555501

■ 14737901

■ 6977005

■ 16316397

■ 5398509

■ 16777197

■ 3820013

■ 2307309

■ 728813

■ 5357

Harmonies

Analogous

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



9093103



11646701



13938141

Triad

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



11646701



15379601



8243375

Complementary

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



11646701



15591601

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.



10208662



11646701



14071172

Square

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



11646701



15836840



12304006



6801867

Rectangle

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



11646701



14985421



12304006



8832934

Sweetspot

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



11646701



15461631



11660776



7566464



0



8421504

Same Dimension

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



11646701



11778559



13283821



6974325



4021



1078

Inverse Universe

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



15577526



16757689



13954481



7694955



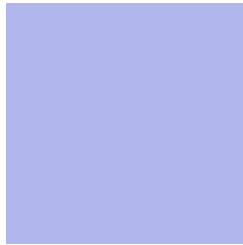
11862031



3538948

Previews

White Background



This preview shows how the Decimal color 11646701 looks on a white background.

Color Contrast Check

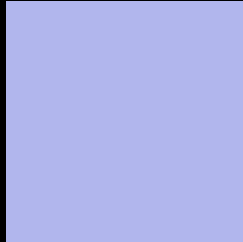
Large Text (above 18pt) WCAG AA × Fail

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 11646701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

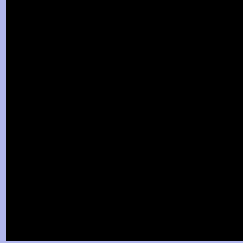
Any Text WCAG AA ✓ Pass

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 11646701 Background



This preview shows how black text looks on a background with the Decimal color 11646701.



This preview shows how white text looks on a background with the Decimal color 11646701.

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](#).

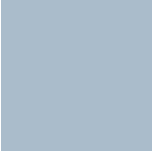
Dichromacy



Original Color
11646701

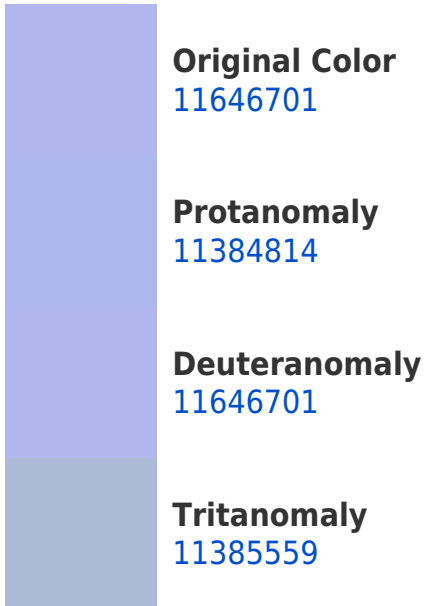
Protanopia
11253742

Deuteranopia
11646701

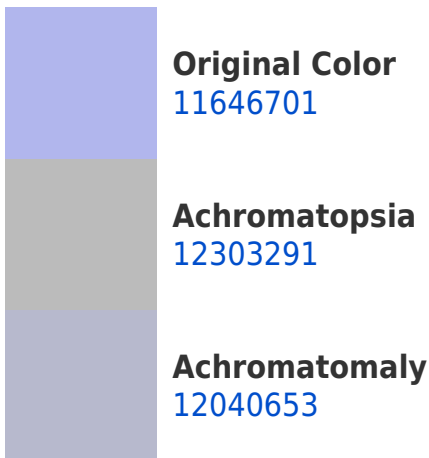


Tritanopia
11189451

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11646701 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 #B1B6ED looks like.

```
.text, #text, p{  
  color:#B1B6ED  
}
```

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 #B1B6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B6ED
}
```

Border

The CSS property to change the border of an element to Decimal 11646701 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
#B1B6ED }
```

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

```
.border{ border-color:#B1B6ED }
```

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

Here you see how a box with a 4 pixel #B1B6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B6ED; -webkit-box-shadow:4px 4px  
4px 4px #B1B6ED; box-shadow:4px 4px 4px  
4px #B1B6ED }
```

Background

The CSS property to change the background color of an element to Decimal 11646701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B6ED }
```

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

```
.background{ background-color:#B1B6ED }
```

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