

Converting Colors

Decimal(11585271)

Have a look what the booklet for
Decimal(11585271) contains.

Decimal(11585271)	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(11585271)

Conversions

Conversions Part 1

Format	Color
Hex	B0C6F7
RGB	176, 198, 247
RGB Percent	69%, 78%, 97%
CMY	0.3098, 0.2235, 0.0314
CMYK	0.29, 0.20, 0.00, 0.03
HSL	221°, 82%, 83%
HSV	221°, 29%, 97%
XYZ	54.8871, 56.3337, 95.9763
YIQ	197.0080, -28.8410, 10.5750

Conversions

Conversions Part 2

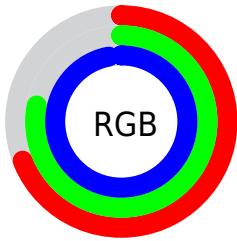
Format	Color
R _Y B	176, 193, 247
Decimal	11585271
CIE Lab	79.80, 3.43, -26.58
CIE LCh	80, 26.805, 277.343
Yxy	56.3337, 0.2649, 0.2719
Android (android.graphics.Color)	4289775351 (0xFFB0C6F7)
YUV	197.0080, 24.6461, -18.4240
Hunter-Lab	75.0558, -0.8134, -23.2771

Details

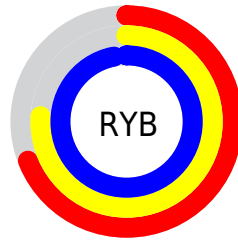
The Decimal color **11585271** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16245168**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **15335423**, and **8032447** is the 20% darker color. If you saturate the color by 10%, you get **9942519**, and if you desaturate by 10%, it is **13228023**.

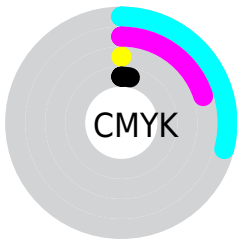
Distribution



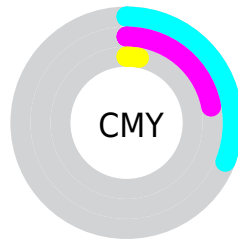
- Red (69%)
- Green (78%)
- Blue (97%)



- Red (69%)
- Yellow (76%)
- Blue (97%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11585271 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 11585271 by changing the saturation by 10% instead.

■ 11585271

■ 11585271

16777215

■ 9808858

■ 15335423

■ 8032447

■ 6322083

■ 4611721

■ 2901871

■ 995415

■ 7231

■ 297

■ 275

■ 11585271

■ 11585271

■ 9942519

■ 13228023

■ 8365303

■ 14805239

■ 6722551

■ 16447991

■ 5079799

■ 16777207

■ 3437047

■ 1859831

■ 217079

■ 19959

Harmonies

Analogous

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



9490163



11585271



13811182

Triad

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



11585271



16234409



10146482

Complementary

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



11585271



16245168

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.



11980190



11585271



15318680

Square

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



11585271



16299200



13813396



8705227

Rectangle

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



11585271



14989537



13813396



10736042

Sweetspot

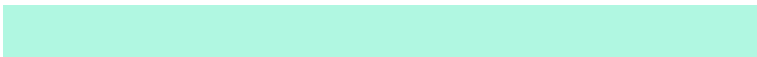
The Sweet Spot groups the original color and five complimentary colors.



11585271



15265791



11597793



7435904



0



8421504

Same Dimension

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



11585271



11060223



12431607



7238266



15034



4667

Inverse Universe

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



16232646



16754883



15398832



8023666



12189754



3866642

Previews

White Background



This preview shows how the Decimal color 11585271 looks on a white background.

Color Contrast Check

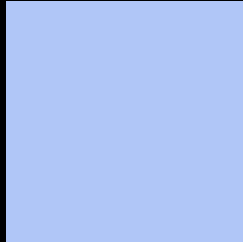
Large Text (above 18pt) WCAG AA × Fail

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 11585271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

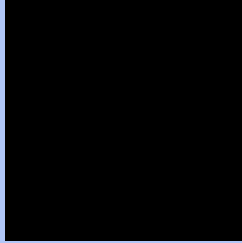
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

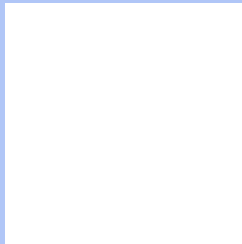
Any Text WCAG AAA ✓ Pass

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

Decimal 11585271 Background



This preview shows how black text looks on a background with the Decimal color 11585271.



This preview shows how white text looks on a background with the Decimal color 11585271.

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](#).

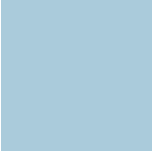
Dichromacy



Original Color
11585271

Protanopia
12239861

Deuteranopia
12567288



Tritanopia
11193307

Trichromacy



Original Color
11585271

Protanomaly
11977974

Deuteranomaly
12239864

Tritanomaly
11323877

Monochromacy



Original Color
11585271

Achromatopsia
12961221

Achromatomaly
12436951

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11585271 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 #B0C6F7 looks like.

```
.text, #text, p{  
    color:#B0C6F7  
}
```

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 #B0C6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C6F7
}
```

Border

The CSS property to change the border of an element to Decimal 11585271 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
#B0C6F7 }
```

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

```
.border{ border-color:#B0C6F7 }
```

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

Here you see how a box with a 4 pixel #B0C6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C6F7; -webkit-box-shadow:4px 4px  
4px 4px #B0C6F7; box-shadow:4px 4px 4px  
4px #B0C6F7 }
```

Background

The CSS property to change the background color of an element to Decimal 11585271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C6F7 }
```

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

```
.background{ background-color:#B0C6F7 }
```

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