

Converting Colors

Decimal(11784701)

Have a look what the booklet for
Decimal(11784701) contains.

Decimal(11784701)	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(11784701)

Conversions

Conversions Part 1

Format	Color
Hex	B3D1FD
RGB	179, 209, 253
RGB Percent	70%, 82%, 99%
CMY	0.2980, 0.1804, 0.0078
CMYK	0.29, 0.17, 0.00, 0.01
HSL	216°, 95%, 85%
HSV	216°, 29%, 99%
XYZ	59.1205, 62.2765, 101.8331
YIQ	205.0460, -32.0040, 7.3240

Conversions

Conversions Part 2

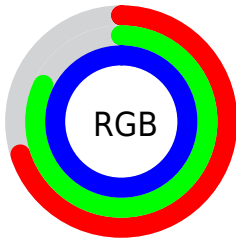
Format	Color
R _{YB}	179, 200, 253
Decimal	11784701
CIE Lab	83.06, -0.17, -24.79
CIE LCh	83, 24.794, 269.603
Yxy	62.2765, 0.2648, 0.2790
Android (android.graphics.Color)	4289974781 (0xFFB3D1FD)
YUV	205.0460, 23.6413, -22.8423
Hunter-Lab	78.9155, -4.3765, -21.2674

Details

The Decimal color **11784701** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16637875**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **15532031**, and **8166340** is the 20% darker color. If you saturate the color by 10%, you get **10142461**, and if you desaturate by 10%, it is **13426941**.

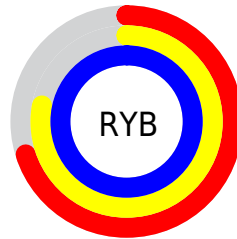
Distribution



Red (70%)

Green (82%)

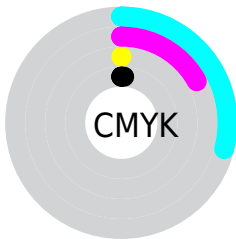
Blue (99%)



Red (70%)

Yellow (78%)

Blue (99%)

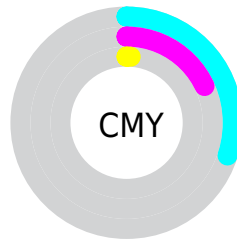


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11784701 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 11784701 by changing the saturation by 10% instead.

■ 11784701

16777215

■ 15532031

■ 11784701

■ 9942496

■ 8166340

■ 6455721

■ 4745358

■ 3035253

■ 1128796

■ 9284

■ 3630

■ 281

■ 11784701

■ 11784701

■ 10142461

■ 13426941

■ 8434685

■ 15134717

■ 6792445

16776957

■ 5150205

16777213

■ 3442429

■ 1800189

■ 157949

■ 26621

Harmonies

Analogous

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



10017014



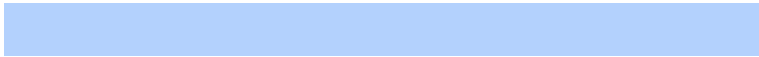
11784701



13814263

Triad

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



11784701



16761017



11393719

Complementary

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



11784701



16637875

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.



13161638



11784701



16041383

Square

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



11784701



16563920



14798240



9952462

Rectangle

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



11784701



15058157



14798240



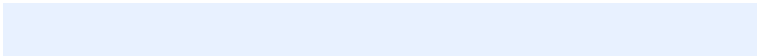
11983024

Sweetspot

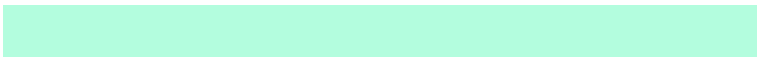
The Sweet Spot groups the original color and five complimentary colors.



11784701



15266303



11795934



7436160



0



8421504

Same Dimension

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



11784701



10930943



12170237



7567488



20159



6720

Inverse Universe

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



16626641



16754378



16252339



8418168



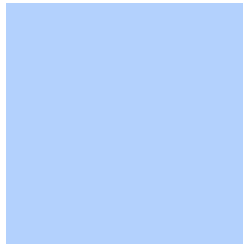
12517454



4194330

Previews

White Background



This preview shows how the Decimal color 11784701 looks on a white background.

Color Contrast Check

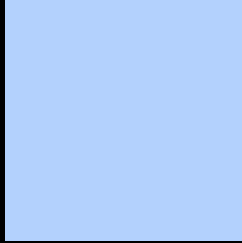
Large Text (above 18pt) WCAG AA × Fail

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 11784701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

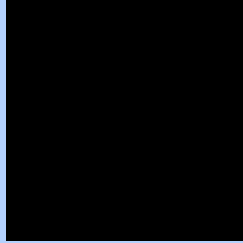
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

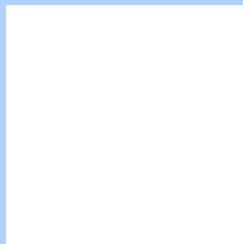
Any Text WCAG AAA ✓ Pass

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

Decimal 11784701 Background



This preview shows how black text looks on a background with the Decimal color 11784701.

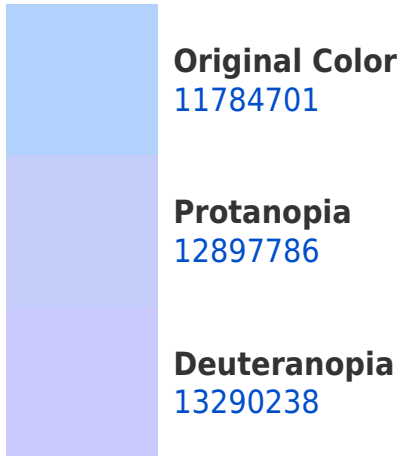


This preview shows how white text looks on a background with the Decimal color 11784701.

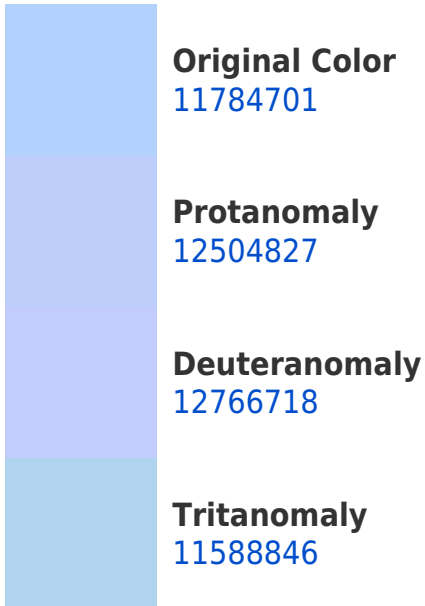
Color Blindness Simulation

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](#).

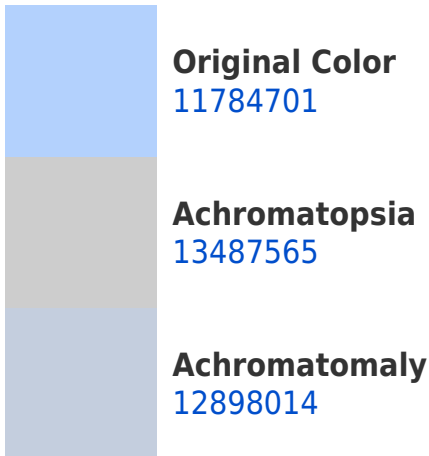
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11784701 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 #B3D1FD looks like.

```
.text, #text, p{  
    color:#B3D1FD  
}
```

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 #B3D1FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D1FD
}
```

Border

The CSS property to change the border of an element to Decimal 11784701 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
#B3D1FD }
```

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

```
.border{ border-color:#B3D1FD }
```

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

Here you see how a box with a 4 pixel #B3D1FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D1FD; -webkit-box-shadow:4px 4px  
4px 4px #B3D1FD; box-shadow:4px 4px 4px  
4px #B3D1FD }
```

Background

The CSS property to change the background color of an element to Decimal 11784701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D1FD }
```

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

```
.background{ background-color:#B3D1FD }
```

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