

Converting Colors

Decimal(1878778)

Have a look what the booklet for
Decimal(1878778) contains.

Decimal(1878778)	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(1878778)

Conversions

Conversions Part 1

Format	Color
Hex	1CAAFA
RGB	28, 170, 250
RGB Percent	11%, 67%, 98%
CMY	0.8902, 0.3333, 0.0196
CMYK	0.89, 0.32, 0.00, 0.02
HSL	202°, 96%, 55%
HSV	202°, 89%, 98%
XYZ	32.1089, 35.8985, 95.6793
YIQ	136.6620, -110.3120, -5.2240

Conversions

Conversions Part 2

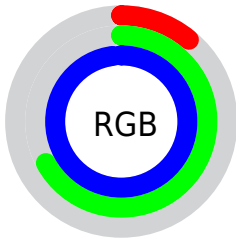
Format	Color
R _Y B	28, 115, 250
Decimal	1878778
CIE Lab	66.44, -7.12, -49.42
CIE LCh	66, 49.934, 261.797
Yxy	35.8985, 0.1962, 0.2193
Android (android.graphics.Color)	4280068858 (0xFF1CAAFA)
YUV	136.6620, 55.8756, -95.2966
Hunter-Lab	59.9153, -9.1927, -52.7400

Details

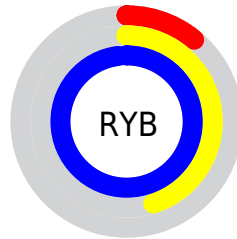
The Decimal color **1878778** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **16411676**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7725567**, and **30401** is the 20% darker color. If you saturate the color by 10%, you get **238074**, and if you desaturate by 10%, it is **3519482**.

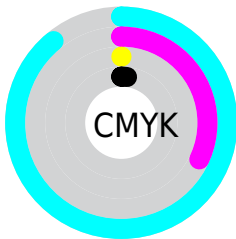
Distribution



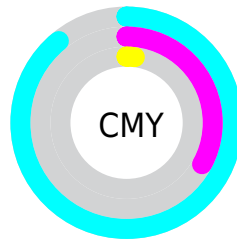
- Red (11%)
- Green (67%)
- Blue (98%)



- Red (11%)
- Yellow (45%)
- Blue (98%)



- Cyan (89%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1878778 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 1878778 by changing the saturation by 10% instead.

 1878778

 1878778

16777215

 37085

 7725567

 30401

 9895679

 24230

 11993087

 18315

 14090239

 12657

 16187391

 7512

 1856

 809

 275

■ 1878778

■ 1878778

■ 238074

■ 3519482

■ 41210

■ 5160186

■ 6800890

■ 8441594

■ 10082298

■ 11723002

■ 13363706

■ 15004410

■ 16645114

Harmonies

Analogous

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



46311



1878778



9542645

Triad

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



1878778



16153987



6730600

Complementary

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



1878778



16411676

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.



10201418



1878778



15108700

Square

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



1878778



15629744



13015878



46995

Rectangle

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



1878778



12357605



13015878



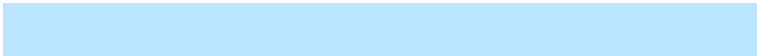
8040540

Sweetspot

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



1878778



12248831



1899114



5730688



0



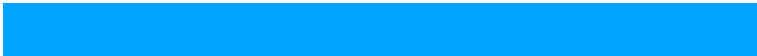
8421504

Same Dimension

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



1878778



41983



1850874



7370877



31165



10045

Inverse Universe

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



16391338



16711843



16439580



8220792



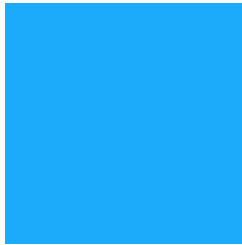
12386425



3997735

Previews

White Background



This preview shows how the Decimal color 1878778 looks on a white background.

Color Contrast Check

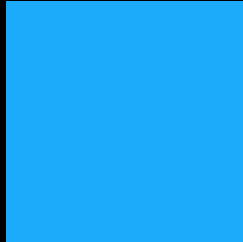
Large Text (above 18pt) WCAG AA × Fail

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 1878778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

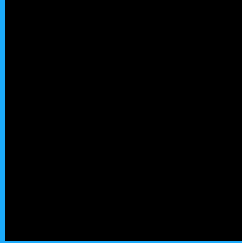
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

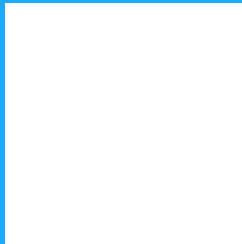
Any Text WCAG AAA ✓ Pass

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

Decimal 1878778 Background



This preview shows how black text looks on a background with the Decimal color 1878778.

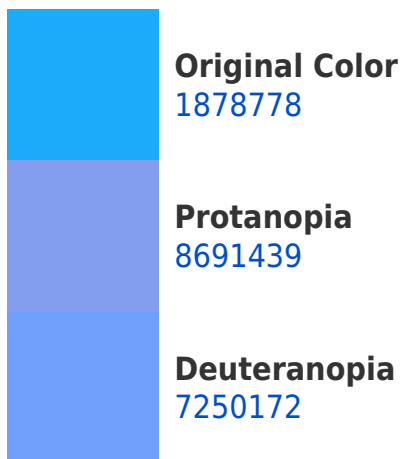


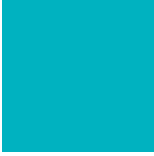
This preview shows how white text looks on a background with the Decimal color 1878778.

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





Tritanopia
45760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1878778 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 #1CAAFA looks like.

```
.text, #text, p{  
    color:#1CAAFA  
}
```

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 #1CAAFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CAAFA
}
```

Border

The CSS property to change the border of an element to Decimal 1878778 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
#1CAAFA }
```

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

```
.border{ border-color:#1CAAFa }
```

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

Here you see how a box with a 4 pixel #1CAAFa colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CAAFa; -webkit-box-shadow:4px 4px  
4px 4px #1CAAFa; box-shadow:4px 4px 4px  
4px #1CAAFa }
```

Background

The CSS property to change the background color of an element to Decimal 1878778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CAAFA }
```

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

```
.background{ background-color:#1CAAFA }
```

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