

Converting Colors

Android(4278957823)

Have a look what the booklet for
Android(4278957823) contains.

Android(4278957823)	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

Android(4278957823)

Conversions

Conversions Part 1

Format	Color
Hex	0BB6FF
RGB	11, 182, 255
RGB Percent	4%, 71%, 100%
CMY	0.9569, 0.2863, 0.0000
CMYK	0.96, 0.29, 0.00, 0.00
HSL	198°, 100%, 52%
HSV	198°, 96%, 100%
XYZ	34.9160, 40.7470, 100.6324
YIQ	139.1930, -125.3490, -13.5490

Conversions

Conversions Part 2

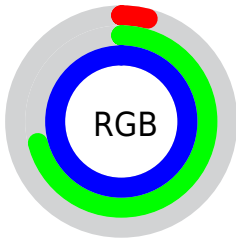
Format	Color
R _Y B	11, 112, 255
Decimal	767743
CIE Lab	70.00, -12.59, -46.54
CIE LCh	70, 48.214, 254.866
Yxy	40.7470, 0.1981, 0.2311
Android (android.graphics.Color)	4278957823 (0xFF0BB6FF)
YUV	139.1930, 57.0929, -112.4253
Hunter-Lab	63.8334, -14.0715, -48.7864

Details

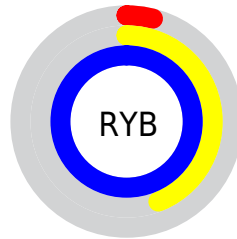
The Android color `4278957823` is a dark color, and the websafe version is hex `66CCFF`. The color can be described as middle saturated azure. A complement of this color would be `4294923275`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4285787903`, and `4278223302` is the 20% darker color. If you saturate the color by 10%, you get `4278236159`, and if you desaturate by 10%, it is `4280598271`.

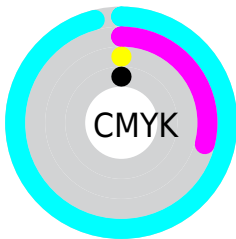
Distribution



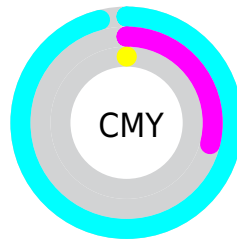
- Red (4%)
- Green (71%)
- Blue (100%)



- Red (4%)
- Yellow (44%)
- Blue (100%)



- Cyan (96%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278957823 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 Android color 4278957823 by changing the saturation by 10% instead.



4278957823



4278957823

4294967295



4278229986



4285787903



4278223302



4288020479



4278216874



4290117631



4278210703



4292214783



4278205045



4294311935



4278199644



4278192196



4278190893



4278190360

■ 4278957823

■ 4278957823

■ 4278236159

■ 4280598271

■ 4282303999

■ 4284009983

■ 4285650431

■ 4287356159

■ 4288996607

■ 4290702335

■ 4292342783

■ 4294048767

Harmonies

Analogous

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



4278238952



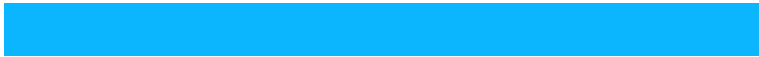
4278957823



4287342847

Triad

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



4278957823



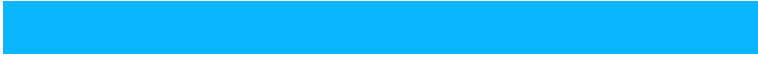
4294870935



4286560875

Complementary

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



4278957823



4294923275

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.



4289769299



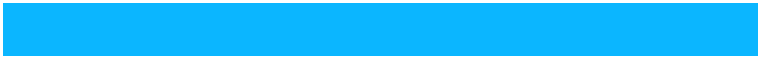
4278957823



4294218095

Square

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



4278957823



4294019779



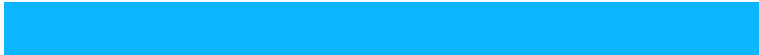
4292387158



4282106003

Rectangle

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



4278957823



4290289139



4292387158



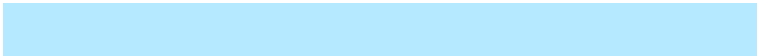
4287739745

Sweetspot

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



4278957823



4290111999



4278976336



4283658880



4278190080



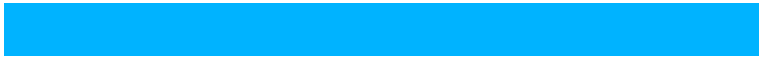
4286611584

Same Dimension

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



4278957823



4278236159



4278927615



4285758592



4278224575



4278201664

Inverse Universe

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



4294904758



4294901939



4294953483



4286608252



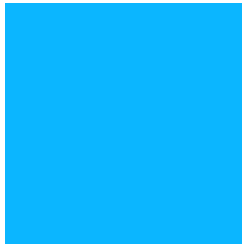
4290707590



4282384429

Previews

White Background



This preview shows how the Android color 4278957823 looks on a white background.

Color Contrast Check

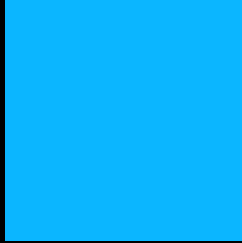
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278957823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

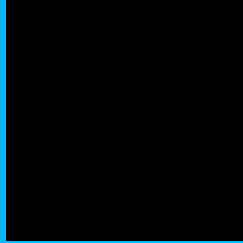
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

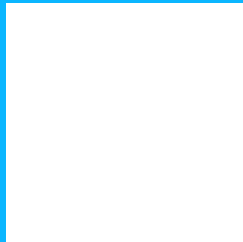
Any Text WCAG AAA ✓ Pass

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

Android 4278957823 Background



This preview shows how black text looks on a background with the Android color 4278957823.



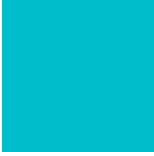
This preview shows how white text looks on a background with the Android color 4278957823.

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
4278238667

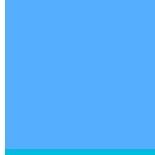
Trichromacy



Original Color
4278957823



Protanomaly
4284591351



Deuteranomaly
4283870975



Tritanomaly
4278500062

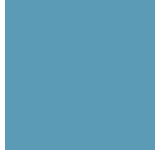
Monochromacy



Original Color
4278957823



Achromatopsia
4287335307



Achromatomaly
4284259253

CSS Examples

Text

The CSS property to change the color of the text to Android 4278957823 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 `rgb(11, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(11, 182, 255)  
}
```

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 rgb(11, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 182, 255) }
```

Border

The CSS property to change the border of an element to Android 4278957823 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 rgb(11, 182, 255) }
```

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

```
.border{ border-color:rgb(11, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(11, 182,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278957823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 182, 255) }
```

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

```
.background{ background-color: rgb(11, 182,  
255) }
```

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