

Converting Colors

Android(4278844414)

Have a look what the booklet for
Android(4278844414) contains.

Android(4278844414)	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(4278844414)

Conversions

Conversions Part 1

Format	Color
Hex	09FBFE
RGB	9, 251, 254
RGB Percent	4%, 98%, 100%
CMY	0.9647, 0.0157, 0.0039
CMYK	0.96, 0.01, 0.00, 0.00
HSL	181°, 99%, 52%
HSV	181°, 96%, 100%
XYZ	52.4992, 76.2082, 105.7086
YIQ	178.9840, -145.1950, -50.3710

Conversions

Conversions Part 2

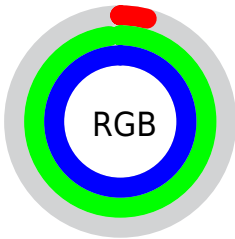
Format	Color
RYB	9, 131, 254
Decimal	654334
CIELab	89.96, -46.46, -15.35
CIELCh	90, 48.935, 198.287
Yxy	76.2082, 0.2240, 0.3251
Android (android.graphics.Color)	4278844414 (0xFF09FBFE)
YUV	178.9840, 36.9829, -149.0760
Hunter-Lab	87.2973, -45.4232, -10.6863

Details

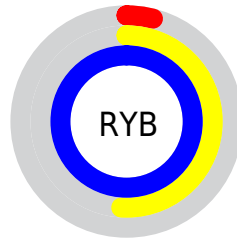
The Android color `4278844414` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light saturated cyan. A complement of this color would be `4294839305`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4286251007`, and `4278239941` is the 20% darker color. If you saturate the color by 10%, you get `4278254590`, and if you desaturate by 10%, it is `4280482814`.

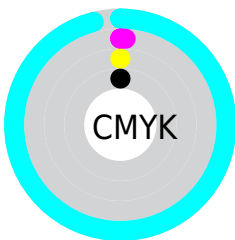
Distribution



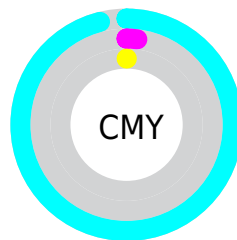
- Red (4%)
- Green (98%)
- Blue (100%)



- Red (4%)
- Yellow (51%)
- Blue (100%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278844414 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 4278844414 by changing the saturation by 10% instead.



4278844414



4278844414

4294967295



4278247137



4286251007



4278239941



4288544767



4278232746



4290772991



4278225808



4292935679



4278219126



4278212445



4278206278



4278200623



4278190364

■ 4278844414

■ 4278844414

■ 4278254590

■ 4280482814

■ 4282187006

■ 4283825406

■ 4285529342

■ 4287167998

■ 4288806398

■ 4290510334

■ 4292148734

■ 4293852926

Harmonies

Analogous

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



4285594318



4278844414



4278253567

Triad

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



4278844414



4294954239



4294957446

Complementary

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



4278844414



4294839305

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.



4294953374



4278844414



4294950903

Square

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



4278844414



4291616255



4294950599



4293191816

Rectangle

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



4278844414



4284150015



4294950599



4294956172

Sweetspot

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



4278844414



4290117375



4278844937



4283662208



4278190080



4286611584

Same Dimension

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



4278844414



4278254847



4278813950



4285759360



4278238655



4278206272

Inverse Universe

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



4294838779



4294902012



4294870025



4286608255



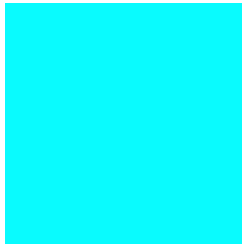
4290707645



4282384447

Previews

White Background



This preview shows how the Android color 4278844414 looks on a white background.

Color Contrast Check

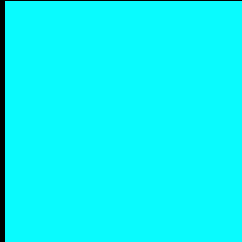
Large Text (above 18pt) WCAG AA × Fail

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 4278844414 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 4278844414 Background



This preview shows how black text looks on a background with the Android color 4278844414.



This preview shows how white text looks on a background with the Android color 4278844414.

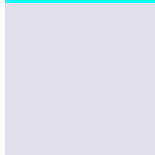
Color Blindness Simulation

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
4278844414



Protanopia
4292993004



Deuteranopia
4293123327



Tritanopia
4287427071

Trichromacy



Original Color
4278844414



Protanomaly
4287818227



Deuteranomaly
4287948799

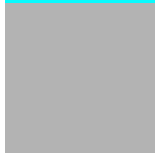


Tritanomaly
4284282367

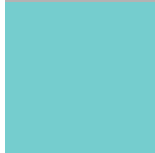
Monochromacy



Original Color
4278844414



Achromatopsia
4289967027



Achromatomaly
4285910478

CSS Examples

Text

The CSS property to change the color of the text to Android 4278844414 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(9, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(9, 251, 254)  
}
```

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(9, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 251, 254) }
```

Border

The CSS property to change the border of an element to Android 4278844414 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(9, 251, 254) }
```

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

```
.border{ border-color:rgb(9, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(9, 251,  
254) }
```

Background

The CSS property to change the background color of an element to Android 4278844414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 251, 254) }
```

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

```
.background{ background-color: rgb(9, 251,  
254) }
```

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