

Converting Colors

Android(4278514674)

Have a look what the booklet for
Android(4278514674) contains.

Android(4278514674)	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(4278514674)

Conversions

Conversions Part 1

Format	Color
Hex	04F3F2
RGB	4, 243, 242
RGB Percent	2%, 95%, 95%
CMY	0.9843, 0.0471, 0.0510
CMYK	0.98, 0.00, 0.00, 0.05
HSL	180°, 97%, 48%
HSV	180°, 98%, 95%
XYZ	48.1277, 70.5378, 95.0830
YIQ	171.4250, -142.1230, -50.9790

Conversions

Conversions Part 2

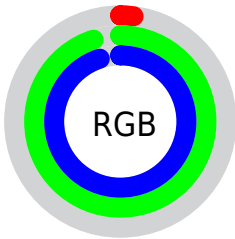
Format	Color
RYB	4, 124, 243
Decimal	324594
CIELab	87.26, -46.56, -13.13
CIELCh	87, 48.377, 195.750
Yxy	70.5378, 0.2252, 0.3300
Android (android.graphics.Color)	4278514674 (0xFF04F3F2)
YUV	171.4250, 34.7935, -146.8317
Hunter-Lab	83.9868, -44.6895, -8.3325

Details

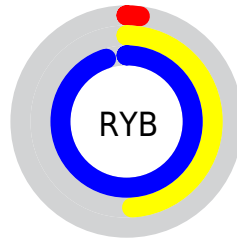
The Android color **4278514674** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **4294116357**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4285988863**, and **4278237882** is the 20% darker color. If you saturate the color by 10%, you get **4278252530**, and if you desaturate by 10%, it is **4280087538**.

Distribution



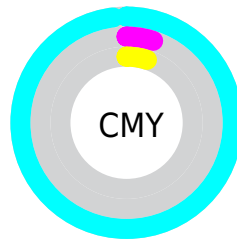
- Red (2%)
- Green (95%)
- Blue (95%)



- Red (2%)
- Yellow (49%)
- Blue (95%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278514674 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 4278514674 by changing the saturation by 10% instead.

 4278514674

 4278514674

4294967295

 4278245078

 4285988863

 4278237882

 4288282623

 4278230687

 4290510847

 4278224005

 4292607999

 4278217324

 4294770687

 4278210644

 4278204477

 4278198823

 4278190354

■ 4278514674

■ 4278514674

■ 4278252530

■ 4280087538

■ 4281725938

■ 4283298802

■ 4284871666

■ 4286444531

■ 4288082931

■ 4289655795

■ 4291228659

■ 4292867059

Harmonies

Analogous

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



4285526722



4278514674



4278251519

Triad

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



4278514674



4294887167



4294955137

Complementary

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



4278514674



4294116357

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.



4294951323



4278514674



4294949363

Square

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



4278514674



4290697215



4294948804



4292927616

Rectangle

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



4278514674



4283034111



4294948804



4294953864

Sweetspot

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



4278514674



4289986559



4278776580



4283596927



4278190080



4286611584

Same Dimension

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



4278514674



4278255614



4278484979



4285430394



4278237881



4278205242

Inverse Universe

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



4294116357



4294901761



4294146052



4286213742



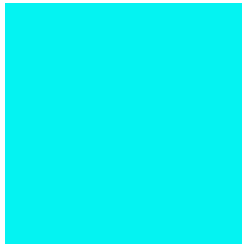
4290379777



4282056704

Previews

White Background



This preview shows how the Android color 4278514674 looks on a white background.

Color Contrast Check

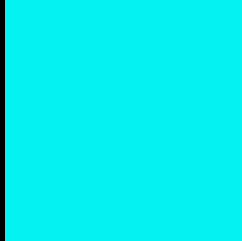
Large Text (above 18pt) WCAG AA × Fail

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 4278514674 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

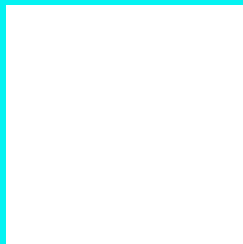
Any Text WCAG AAA ✓ Pass

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

Android 4278514674 Background



This preview shows how black text looks on a background with the Android color 4278514674.



This preview shows how white text looks on a background with the Android color 4278514674.

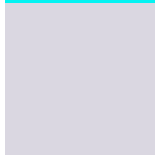
Color Blindness Simulation

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
4278514674

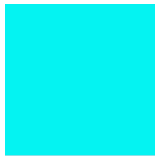


Protanopia
4292532193



Deuteranopia
4292793337

Trichromacy



Original Color

4278514674



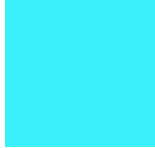
Protanomaly

4287422951



Deuteranomaly

4287619062



Tritanomaly

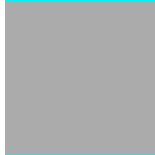
4282183930

Monochromacy



Original Color

4278514674



Achromatopsia

4289440683



Achromatomaly

4285449669

CSS Examples

Text

The CSS property to change the color of the text to Android 4278514674 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(4, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(4, 243, 242)  
}
```

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(4, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 243, 242) }
```

Border

The CSS property to change the border of an element to Android 4278514674 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(4, 243, 242) }
```

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

```
.border{ border-color:rgb(4, 243, 242) }
```

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

Here you see how a box with a 4 pixel rgb(4, 243, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(4, 243,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4278514674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 243, 242) }
```

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

```
.background{ background-color: rgb(4, 243,  
242) }
```

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