

Converting Colors

Android(4278255556)

Have a look what the booklet for
Android(4278255556) contains.

Android(4278255556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4278255556)

Conversions

Conversions Part 1

Format	Color
Hex	00FFC4
RGB	0, 255, 196
RGB Percent	0%, 100%, 77%
CMY	1.0000, 0.0000, 0.2314
CMYK	1.00, 0.00, 0.23, 0.00
HSL	166°, 100%, 50%
HSV	166°, 100%, 100%
XYZ	45.7238, 75.5055, 64.3887
YIQ	172.0290, -133.0410, -72.4090

Conversions

Conversions Part 2

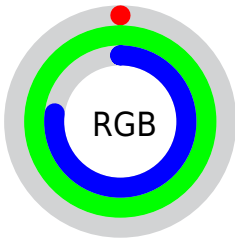
Format	Color
RYB	0, 144, 255
Decimal	65476
CIELab	89.63, -63.52, 14.25
CIELCh	90, 65.100, 167.359
Yxy	75.5055, 0.2463, 0.4068
Android (android.graphics.Color)	4278255556 (0xFF00FFC4)
YUV	172.0290, 11.8177, -150.8694
Hunter-Lab	86.8939, -58.1372, 16.8916

Details

The Android color **4278255556** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **4294901819**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4285857789**, and **4278240654** is the 20% darker color. If you saturate the color by 10%, you get **4278255556**, and if you desaturate by 10%, it is **4279893962**.

Distribution



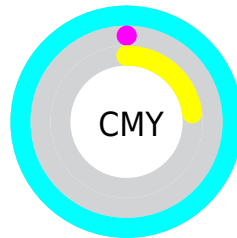
- Red (0%)
- Green (100%)
- Blue (77%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278255556 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 4278255556 by changing the saturation by 10% instead.

 4278255556

 4278255556

4294967295

 4278248105

 4285857789

 4278240654

 4288151551

 4278233461

 4290314239

 4278226268

 4292476927

 4278219332

 4294574079

 4278212654


 4278206233

 4278200064

 4278190080

 4278255556

 4279893962

 4281597904


 4283301846

 4284940252

 4286644194

 4288282599

 4289986541

 4291624947

 4293328889

Harmonies

Analogous

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



4288411530



4278255556



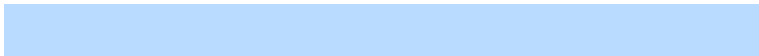
4278255615

Triad

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



4278255556



4290370559



4294950536

Complementary

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



4278255556



4294901819

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.



4294946240



4278255556



4294951935

Square

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



4278255556



4278251775



4294946814



4294956389

Rectangle

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



4278255556



4278255359



4294946814



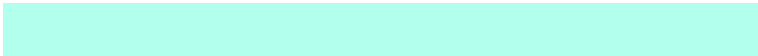
4294948761

Sweetspot

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



4278255556



4289986541



4282187520



4283596917



4278190080



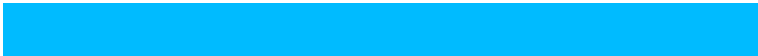
4286611584

Same Dimension

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



4278255556



4278238207



4285759613



4278239123



4278206513

Inverse Universe

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



4294901819



4294919168



4286608246



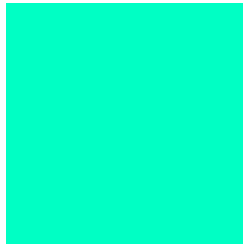
4290707500



4282384399

Previews

White Background



This preview shows how the Android color 4278255556 looks on a white background.

Color Contrast Check

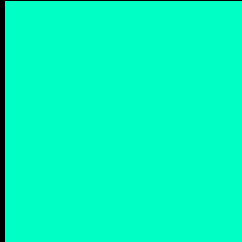
Large Text (above 18pt) WCAG AA × Fail

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 4278255556 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 4278255556 Background



This preview shows how black text looks on a background with the Android color 4278255556.

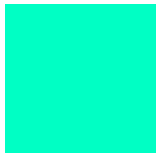


This preview shows how white text looks on a background with the Android color 4278255556.

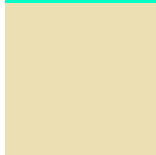
Color Blindness Simulation

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](#).

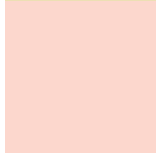
Dichromacy




Original Color
4278255556



Protanopia
4293779380



Deuteranopia
4294760397



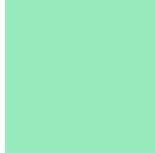
Tritanopia
4287295743

Trichromacy



Original Color

4278255556



Protanomaly

4288146362



Deuteranomaly

4288734922



Tritanomaly

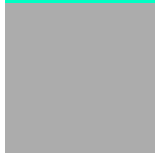
4284020202

Monochromacy



Original Color

4278255556



Achromatopsia

4289506476



Achromatomaly

4285385397

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255556 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(0, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 196)  
}
```

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(0, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 196) }
```

Border

The CSS property to change the border of an element to Android 4278255556 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(0, 255, 196) }
```

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

```
.border{ border-color:rgb(0, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4278255556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 196) }
```

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

```
.background{ background-color: rgb(0, 255,  
196) }
```

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