

Converting Colors

Android(4278255564)

Have a look what the booklet for
Android(4278255564) contains.

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Color

Android(4278255564)

Conversions

Conversions Part 1

Format	Color
Hex	00FFCC
RGB	0, 255, 204
RGB Percent	0%, 100%, 80%
CMY	1.0000, 0.0000, 0.2000
CMYK	1.00, 0.00, 0.20, 0.00
HSL	168°, 100%, 50%
HSV	168°, 100%, 100%
XYZ	46.6591, 75.8796, 69.3138
YIQ	172.9410, -135.6090, -69.9210

Conversions

Conversions Part 2

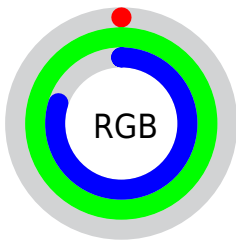
Format	Color
RYB	0, 142, 255
Decimal	65484
CIELab	89.80, -61.62, 10.37
CIELCh	90, 62.487, 170.446
Yxy	75.8796, 0.2432, 0.3955
Android (android.graphics.Color)	4278255564 (0xFF00FFCC)
YUV	172.9410, 15.3121, -151.6693
Hunter-Lab	87.1089, -56.8287, 13.7984

Details

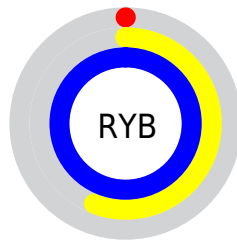
The Android color **4278255564** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **4294901811**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4285923327**, and **4278240662** is the 20% darker color. If you saturate the color by 10%, you get **4278255564**, and if you desaturate by 10%, it is **4279893969**.

Distribution



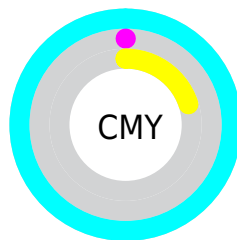
- Red (0%)
- Green (100%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278255564 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 4278255564 by changing the saturation by 10% instead.

 4278255564

 4278255564

4294967295

 4278248113

 4285923327

 4278240662

 4288217087

 4278233468

 4290379775

 4278226275

 4292542463

 4278219595

 4294639615

 4278212916


 4278206239

 4278200329

 4278190080

 4278255564

 4279893969

 4281597910


 4283301851

 4284940256

 4286644197

 4288282603

 4289986544

 4291624949

 4293328890

Harmonies

Analogous

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



4288149651



4278255564



4278255615

Triad

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



4278255564



4291287807



4294951560

Complementary

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



4278255564



4294901811

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.



4294947515



4278255564



4294951679

Square

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



4278255564



4281331455



4294947320



4294957161

Rectangle

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



4278255564



4278255103



4294947320



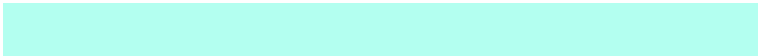
4294949783

Sweetspot

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



4278255564



4289986544



4281597696



4283596918



4278190080



4286611584

Same Dimension

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



4278255564



4278235903



4285759613



4278239129



4278206515

Inverse Universe

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



4294901811



4294921472



4286608245



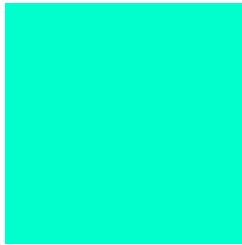
4290707494



4282384397

Previews

White Background



This preview shows how the Android color 4278255564 looks on a white background.

Color Contrast Check

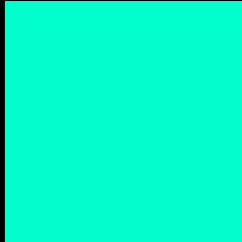
Large Text (above 18pt) WCAG AA × Fail

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 4278255564 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 4278255564 Background



This preview shows how black text looks on a background with the Android color 4278255564.

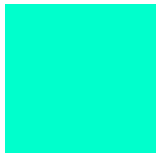


This preview shows how white text looks on a background with the Android color 4278255564.

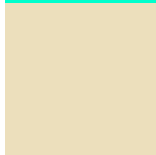
Color Blindness Simulation

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](#).

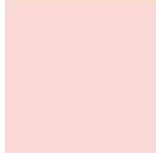
Dichromacy



Original Color
4278255564

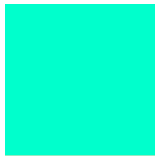


Protanopia
4293713852



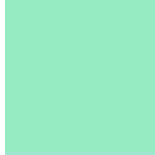
Deuteranopia
4294564053

Trichromacy



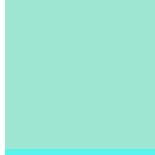
Original Color

4278255564



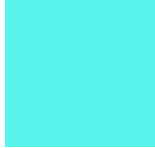
Protanomaly

4288080834



Deuteranomaly

4288603858



Tritanomaly

4284085740

Monochromacy



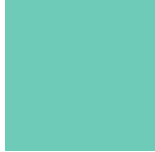
Original Color

4278255564



Achromatopsia

4289572269



Achromatomaly

4285451192

CSS Examples

Text

The CSS property to change the color of the text to Android 4278255564 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 204) }
```

Border

The CSS property to change the border of an element to Android 4278255564 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, 204) }
```

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

```
.border{ border-color:rgb(0, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4278255564 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, 204) }
```

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

```
.background{ background-color: rgb(0, 255,  
204) }
```

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](#).

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