

Converting Colors

Android(4278248925)

Have a look what the booklet for
Android(4278248925) contains.

Android(4278248925)	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(4278248925)

Conversions

Conversions Part 1

Format	Color
Hex	00E5DD
RGB	0, 229, 221
RGB Percent	0%, 90%, 87%
CMY	1.0000, 0.1020, 0.1333
CMYK	1.00, 0.00, 0.03, 0.10
HSL	178°, 100%, 45%
HSV	178°, 100%, 90%
XYZ	41.0705, 61.2591, 78.0662
YIQ	159.6170, -133.9160, -51.0360

Conversions

Conversions Part 2

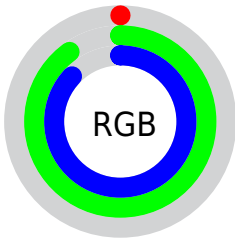
Format	Color
RYB	0, 117, 229
Decimal	58845
CIELab	82.52, -46.64, -9.15
CIELCh	83, 47.527, 191.096
Yxy	61.2591, 0.2277, 0.3396
Android (android.graphics.Color)	4278248925 (0xFF00E5DD)
YUV	159.6170, 30.2618, -139.9841
Hunter-Lab	78.2682, -43.3032, -4.3492

Details

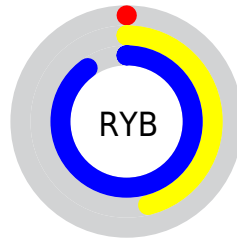
The Android color **4278248925** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **4293197832**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4285661183**, and **4278234534** is the 20% darker color. If you saturate the color by 10%, you get **4278248925**, and if you desaturate by 10%, it is **4279756254**.

Distribution



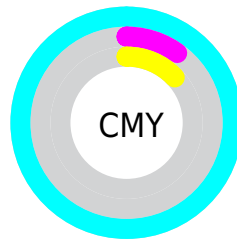
- Red (0%)
- Green (90%)
- Blue (87%)



- Red (0%)
- Yellow (46%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278248925 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 4278248925 by changing the saturation by 10% instead.

 4278248925

 4278248925

4294967295

 4278241473

 4285661183

 4278234534

 4287889407

 4278227340

 4290052095

 4278220658

 4292149247

 4278213978

 4294246399

 4278207555

 4278201900

 4278194456

 4278190080

 4278248925

 4279756254

 4281263583

 4282770911


 4284278240

 4285785569

 4287227362

 4288734691

 4290242019

 4291749348

Harmonies

Analogous

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



4285457327



4278248925



4278248191

Triad

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



4278248925



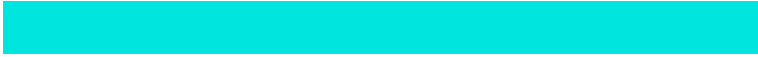
4293377279



4294951289

Complementary

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



4278248925



4293197832

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.



4294947477



4278248925



4294946539

Square

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



4278248925



4289121535



4294945470



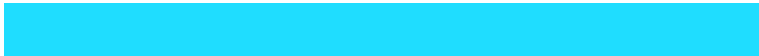
4292530292

Rectangle

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



4278248925



4280278527



4294945470



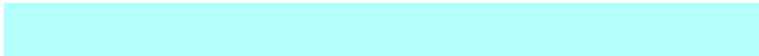
4294950016

Sweetspot

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



4278248925



4289986556



4278969600



4283596926



4278190080



4286611584

Same Dimension

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



4278248925



4278255606



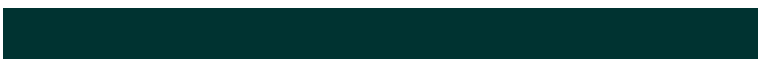
4278222565



4284969842



4278236076



4278203185

Inverse Universe

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



4293197832



4294901769



4293224192



4285753192



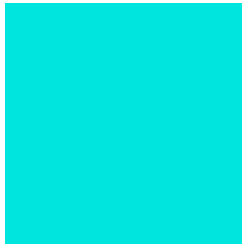
4289921030



4281532418

Previews

White Background



This preview shows how the Android color 4278248925 looks on a white background.

Color Contrast Check

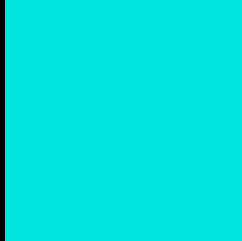
Large Text (above 18pt) WCAG AA × Fail

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 4278248925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

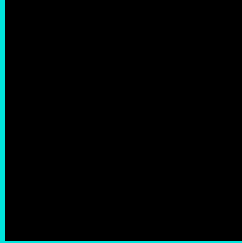
Any Text WCAG AA ✓ Pass

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 4278248925 Background



This preview shows how black text looks on a background with the Android color 4278248925.

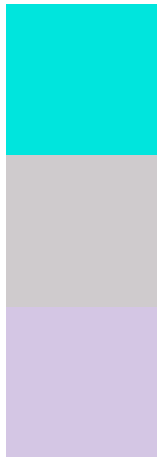


This preview shows how white text looks on a background with the Android color 4278248925.

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
4278248925

Protanopia
4291808205

Deuteranopia
4292134628

Trichromacy



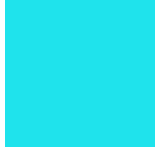
Original Color
4278248925



Protanomaly
4286895315



Deuteranomaly
4287091169



Tritanomaly
4280280044

Monochromacy



Original Color
4278248925



Achromatopsia
4288716960



Achromatomaly
4284922294

CSS Examples

Text

The CSS property to change the color of the text to Android 4278248925 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, 229, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 229, 221)  
}
```

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, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 229, 221) }
```

Border

The CSS property to change the border of an element to Android 4278248925 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, 229, 221) }
```

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

```
.border{ border-color:rgb(0, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 229,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4278248925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 229, 221) }
```

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

```
.background{ background-color: rgb(0, 229,  
221) }
```

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