

Converting Colors

Android(4278247645)

Have a look what the booklet for
Android(4278247645) contains.

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Color

Android(4278247645)

Conversions

Conversions Part 1

Format	Color
Hex	00E0DD
RGB	0, 224, 221
RGB Percent	0%, 88%, 87%
CMY	1.0000, 0.1216, 0.1333
CMYK	1.00, 0.00, 0.01, 0.12
HSL	179°, 100%, 44%
HSV	179°, 100%, 88%
XYZ	39.7068, 58.5318, 77.6116
YIQ	156.6820, -132.5410, -48.4210

Conversions

Conversions Part 2

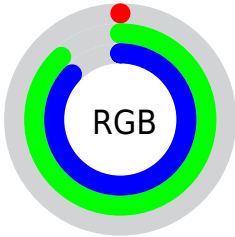
Format	Color
RYB	0, 113, 224
Decimal	57565
CIELab	81.03, -44.47, -11.36
CIELCh	81, 45.899, 194.326
Yxy	58.5318, 0.2258, 0.3329
Android (android.graphics.Color)	4278247645 (0xFF00E0DD)
YUV	156.6820, 31.7088, -137.4101
Hunter-Lab	76.5061, -41.2437, -6.5925

Details

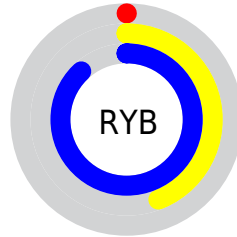
The Android color **4278247645** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292870147**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4285595647**, and **4278233254** is the 20% darker color. If you saturate the color by 10%, you get **4278247645**, and if you desaturate by 10%, it is **4279689437**.

Distribution



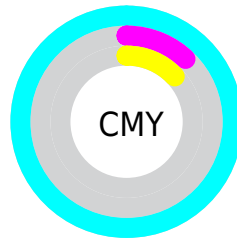
- Red (0%)
- Green (88%)
- Blue (87%)



- Red (0%)
- Yellow (44%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247645 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 4278247645 by changing the saturation by 10% instead.



4278247645



4278247645

4294967295



4278240449



4285595647



4278233254



4287823871



4278226316



4289986559



4278219634



4292083711



4278212954



4294180863



4278206786



4278201132



4278192153



4278190080

 4278247645

 4279689437

 4281196766

 4282638558

 4284145886

 4285587678

 4287029471

 4288536799

 4289978591

 4291485920

Harmonies

Analogous

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



4285062833



4278247645



4278246911

Triad

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



4278247645



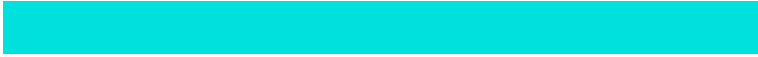
4293441279



4294492023

Complementary

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



4278247645



4292870147

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.



4294946959



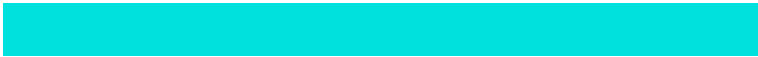
4278247645



4294945506

Square

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



4278247645



4289447679



4294944950



4291939700

Rectangle

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



4278247645



4281981183



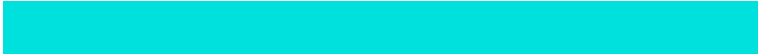
4294944950



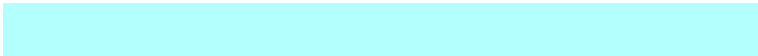
4294949501

Sweetspot

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



4278247645



4289986558



4278509568



4283596927



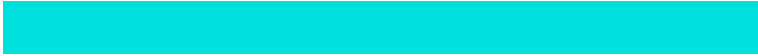
4278190080



4286611584

Same Dimension

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



4278247645



4278255612



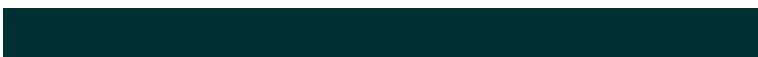
4278220000



4284838000



4278235310



4278202416

Inverse Universe

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



4292870147



4294901763



4292897792



4285556069



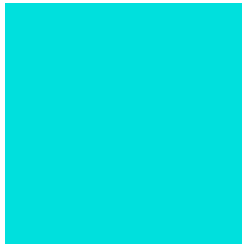
4289724418



4281335809

Previews

White Background



This preview shows how the Android color 4278247645 looks on a white background.

Color Contrast Check

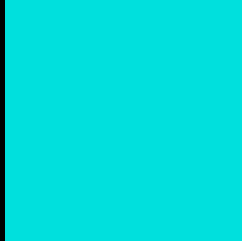
Large Text (above 18pt) WCAG AA × Fail

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 4278247645 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 4278247645 Background



This preview shows how black text looks on a background with the Android color 4278247645.

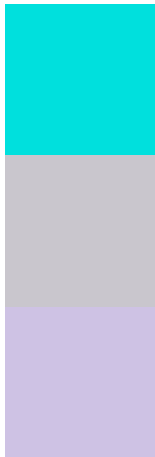


This preview shows how white text looks on a background with the Android color 4278247645.

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](#).

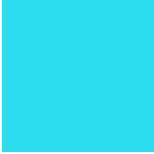
Dichromacy



Original Color
4278247645

Protanopia
4291413709

Deuteranopia
4291740388



Tritanopia
4281064943

Trichromacy



Original Color

4278247645



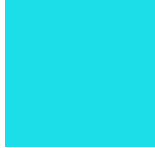
Protanomaly

4286631891



Deuteranomaly

4286828001



Tritanomaly

4280016616

Monochromacy



Original Color

4278247645



Achromatopsia

4288519581



Achromatomaly

4284790196

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247645 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, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 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, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 221) }
```

Border

The CSS property to change the border of an element to Android 4278247645 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, 224, 221) }
```

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

```
.border{ border-color:rgb(0, 224, 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, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4278247645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 221) }
```

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

```
.background{ background-color: rgb(0, 224,  
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](#).

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