

Converting Colors

Android(4278247887)

Have a look what the booklet for
Android(4278247887) contains.

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Color

Android(4278247887)

Conversions

Conversions Part 1

Format	Color
Hex	00E1CF
RGB	0, 225, 207
RGB Percent	0%, 88%, 81%
CMY	1.0000, 0.1176, 0.1882
CMYK	1.00, 0.00, 0.08, 0.12
HSL	175°, 100%, 44%
HSV	175°, 100%, 88%
XYZ	38.1877, 58.3554, 68.2825
YIQ	155.6730, -128.3220, -53.2980

Conversions

Conversions Part 2

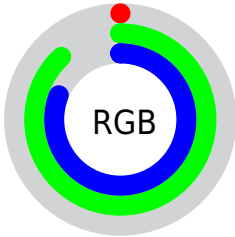
Format	Color
RYB	0, 117, 225
Decimal	57807
CIELab	80.94, -48.88, -4.06
CIELCh	81, 49.048, 184.748
Yxy	58.3554, 0.2317, 0.3540
Android (android.graphics.Color)	4278247887 (0xFF00E1CF)
YUV	155.6730, 25.3042, -136.5252
Hunter-Lab	76.3907, -44.4517, 0.4766

Details

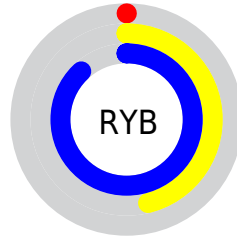
The Android color `4278247887` is a dark color, and the websafe version is hex `00CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4292935698`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4285530111`, and `4278233497` is the 20% darker color. If you saturate the color by 10%, you get `4278247887`, and if you desaturate by 10%, it is `4279689681`.

Distribution



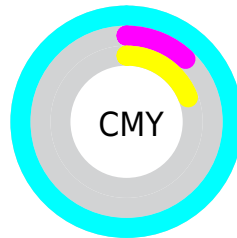
- Red (0%)
- Green (88%)
- Blue (81%)



- Red (0%)
- Yellow (46%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247887 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 4278247887 by changing the saturation by 10% instead.



4278247887



4278247887

4294967295



4278240692



4285530111



4278233497



4287758335



4278226559



4289855487



4278219622



4291952639



4278213198



4294049791



4278206775



4278201122




4278191885



4278190080

 4278247887

 4279689681

 4281197011

 4282704340


 4284146134

 4285653464

 4287095258

 4288537052

 4290044381

 4291551711

Harmonies

Analogous

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



4285849248



4278247887



4278247420

Triad

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



4278247887



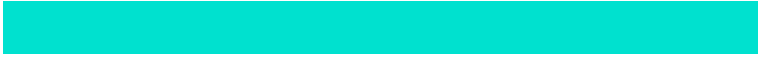
4292328191



4294949239

Complementary

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



4278247887



4292935698

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.



4294945431



4278247887



4294945777

Square

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



4278247887



4287548415



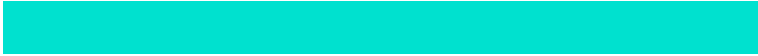
4294943939



4292856172

Rectangle

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



4278247887



4278246399



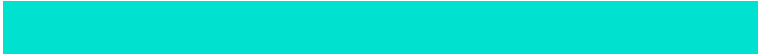
4294943939



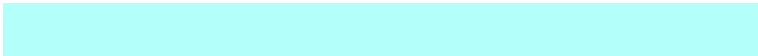
4294947711

Sweetspot

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



4278247887



4289986553



4279492864



4283596924



4278190080



4286611584

Same Dimension

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



4278247887



4278255595



4278223841



4284837999



4278235298



4278202413

Inverse Universe

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



4292935698



4294901780



4292959744



4285556070



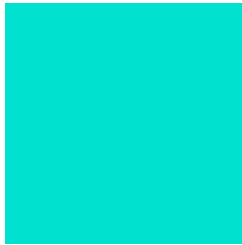
4289724430



4281335812

Previews

White Background



This preview shows how the Android color 4278247887 looks on a white background.

Color Contrast Check

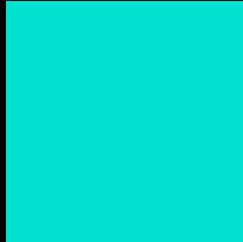
Large Text (above 18pt) WCAG AA × Fail

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 4278247887 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

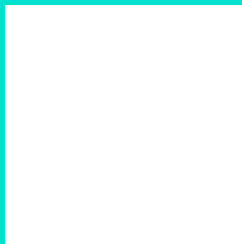
Any Text WCAG AAA ✓ Pass

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

Android 4278247887 Background



This preview shows how black text looks on a background with the Android color 4278247887.

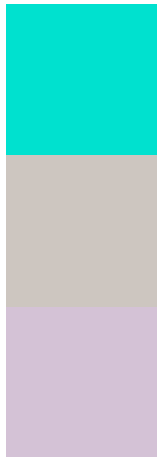


This preview shows how white text looks on a background with the Android color 4278247887.

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](#).

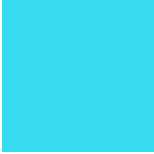
Dichromacy



Original Color
4278247887

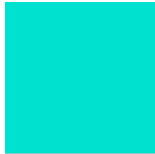
Protanopia
4291675840

Deuteranopia
4292133590



Tritanopia
4281785582

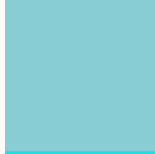
Trichromacy



Original Color
4278247887



Protanomaly
4286763205



Deuteranomaly
4287090131

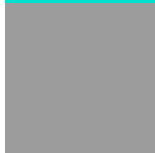


Tritanomaly
4280475363

Monochromacy



Original Color
4278247887



Achromatopsia
4288453788



Achromatomaly
4284724655

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247887 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, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 207)  
}
```

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, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 207) }
```

Border

The CSS property to change the border of an element to Android 4278247887 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, 225, 207) }
```

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

```
.border{ border-color:rgb(0, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4278247887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 207) }
```

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

```
.background{ background-color: rgb(0, 225,  
207) }
```

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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