

Converting Colors

Android(4279822297)

Have a look what the booklet for
Android(4279822297) contains.

Android(4279822297)	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(4279822297)

Conversions

Conversions Part 1

Format	Color
Hex	18E7D9
RGB	24, 231, 217
RGB Percent	9%, 91%, 85%
CMY	0.9059, 0.0941, 0.1490
CMYK	0.90, 0.00, 0.06, 0.09
HSL	176°, 81%, 50%
HSV	176°, 90%, 91%
XYZ	41.4770, 62.3558, 75.4954
YIQ	167.5110, -118.8780, -48.2380

Conversions

Conversions Part 2

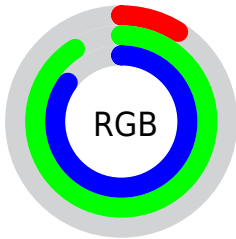
Format	Color
RYB	24, 131, 231
Decimal	1632217
CIELab	83.10, -47.91, -6.15
CIElCh	83, 48.308, 187.316
Yxy	62.3558, 0.2313, 0.3477
Android (android.graphics.Color)	4279822297 (0xFF18E7D9)
YUV	167.5110, 24.3981, -125.8591
Hunter-Lab	78.9657, -44.4322, -1.4085

Details

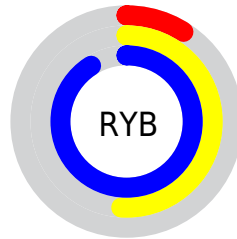
The Android color `4279822297` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4293335078`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4285923327`, and `4278234786` is the 20% darker color. If you saturate the color by 10%, you get `4278314967`, and if you desaturate by 10%, it is `4281329627`.

Distribution



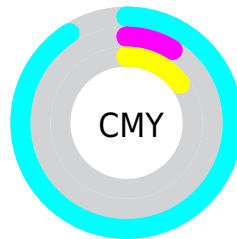
- Red (9%)
- Green (91%)
- Blue (85%)



- Red (9%)
- Yellow (51%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279822297 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 4279822297 by changing the saturation by 10% instead.



4279822297



4279822297

4294967295



4278241981



4285923327



4278234786



4288151551



4278227848



4290248703



4278221167



4292345855



4278214486



4294443007



4278208063



4278202153



4278195222



4278190080

■ 4279822297

■ 4279822297

■ 4278314967

■ 4281329627

■ 4278249431

■ 4282836956

■ 4284344286

■ 4285851615

■ 4287424481

■ 4288931810

■ 4290439140

■ 4291946469

■ 4293453799

Harmonies

Analogous

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



4285981866



4279822297



4278248959

Triad

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



4279822297



4293050367



4294951036

Complementary

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



4279822297



4293335078

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.



4294947226



4279822297



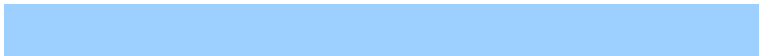
4294947059

Square

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



4279822297



4288532735



4294945733



4292989043

Rectangle

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



4279822297



4278247679



4294945733



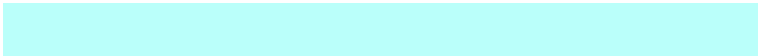
4294949764

Sweetspot

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



4279822297



4290445306



4280936216



4283924605



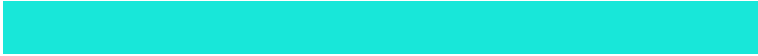
4278190080



4286611584

Same Dimension

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



4279822297



4278255598



4279800295



4284969842



4278236070



4278203184

Inverse Universe

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



4293335078



4294901777



4293357080



4285753192



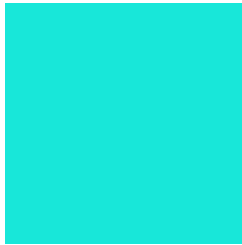
4289921036



4281532419

Previews

White Background



This preview shows how the Android color 4279822297 looks on a white background.

Color Contrast Check

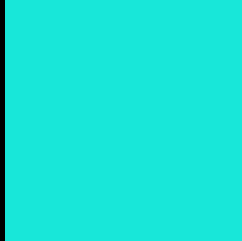
Large Text (above 18pt) WCAG AA × Fail

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 4279822297 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 4279822297 Background



This preview shows how black text looks on a background with the Android color 4279822297.



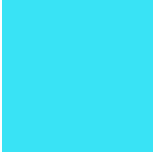
This preview shows how white text looks on a background with the Android color 4279822297.

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





Tritanopia
4281983989

Trichromacy



Original Color

4279822297



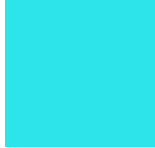
Protanomaly

4287551183



Deuteranomaly

4287812573



Tritanomaly

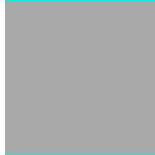
4281197803

Monochromacy



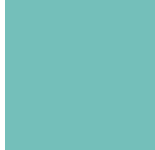
Original Color

4279822297



Achromatopsia

4289243304



Achromatomaly

4285841338

CSS Examples

Text

The CSS property to change the color of the text to Android 4279822297 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(24, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(24, 231, 217)  
}
```

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(24, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 231, 217) }
```

Border

The CSS property to change the border of an element to Android 4279822297 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(24, 231, 217) }
```

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

```
.border{ border-color:rgb(24, 231, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 231, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(24, 231, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(24, 231, 217); box-shadow:4px 4px 4px 4px rgb(24, 231, 217) }
```

Background

The CSS property to change the background color of an element to Android 4279822297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 231, 217) }
```

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

```
.background{ background-color: rgb(24, 231,  
217) }
```

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