Converting Colors

Android(4280144097)

Have a look what the booklet for Android(4280144097) contains.

Color

Android(4280144097)

Conversions

Conversions Part 1

Format	Color
Hex	1DD0E1
RGB	29, 208, 225
RGB Percent	11%, 82%, 88%
CMY	0.8863, 0.1843, 0.1176
CMYK	0.87, 0.08, 0.00, 0.12
HSL	185°, 77%, 50%
HSV	185°, 87%, 88%
XYZ	36.6532, 50.8092, 79.1095
YIQ	156.4170, -112.1410, -32.6610

Conversions

Conversions Part 2

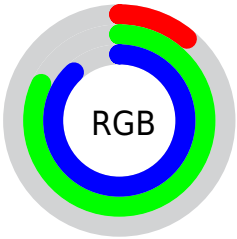
Format	Color
RYB	29, 123, 225
Decimal	1954017
CIELab	76.56, -35.04, -20.21
CIELCh	77, 40.450, 209.970
Yxy	50.8092, 0.2200, 0.3050
Android (android.graphics.Color)	4280144097 (0xFF1DD0E1)
YUV	156.4170, 33.8114, -111.7447
Hunter-Lab	71.2806, -32.9545, -15.9056

Details

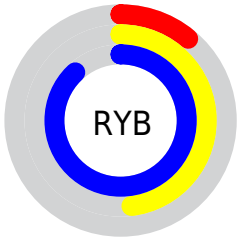
The Android color 4280144097 is a light color, and the websafe version is hex 33CCCC. The color can be described as light washed cyan. A complement of this color would be 4292947485, and the grayscale version is 4288453788.

A 20% lighter version of the original color is 4285857791, and 4278229418 is the 20% darker color. If you saturate the color by 10%, you get 4278701793, and if you desaturate by 10%, it is 4281651937.

Distribution

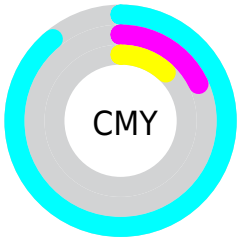


- Red (11%)
- Green (82%)
- Blue (88%)



- Red (11%)
- Yellow (48%)
- Blue (88%)

- Cyan (87%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280144097 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 4280144097 by changing the saturation by 10% instead.

4280144097

4294967295

4285857791

4288020479

4290117631

4292214783

4294246399

4280144097

4278236357

4278229418

4278222735

4278216054

4278209629

4278203717

4278198319

4278190362

4278190080

4280144097

4278701793

4278242785

4280144097

4281651937

4283094241

4284602081

4286044385

4287552225

4288994529

4290502369

4291944673

4293452513

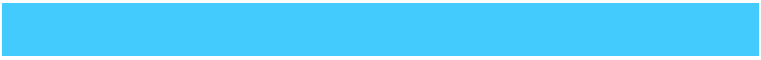
Harmonies

Analogous

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

4283421116

4280144097



4282698749

Triad

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

4280144097

4293699299

4292262769

Complementary

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

4280144097

4292947485

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.

4294225533

4280144097

4294942910

Square

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

4280144097

4290884606

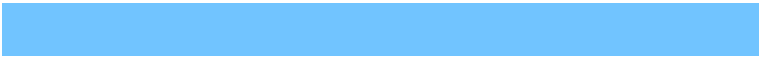
4294943641

4289709691

Rectangle

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

4280144097



4285646079

4294943641

4292982387

Sweetspot

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

4280144097

4290640383

4280148269

4283989120

4278190080

4286611584

Same Dimension

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

4280144097

4278249983

4280119265

4284837744

4278231472

4278201392

Inverse Universe

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

4292943312

4294901993

4292972317

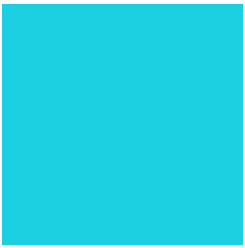
4285556079

4289724577

4281335852

Previews

White Background

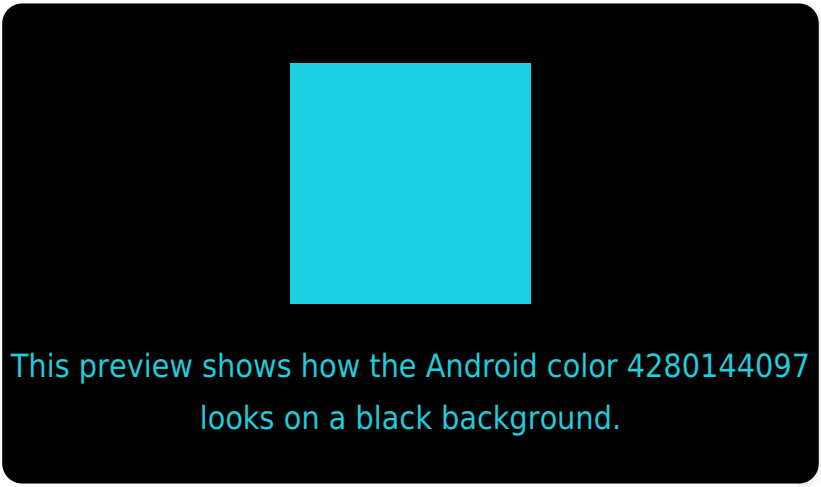


This preview shows how the Android color 4280144097 looks on a white background.

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

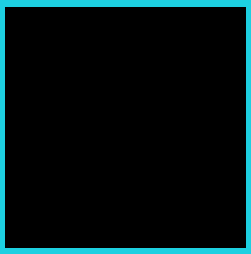


Color Contrast Check

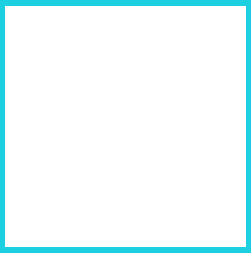
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4280144097 Background



This preview shows how black text looks on a background with the Android color 4280144097.



This preview shows how white text looks on a background with the Android color 4280144097.

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

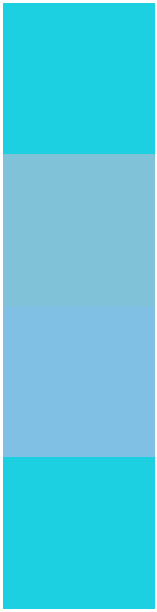
Original Color
4280144097

Protanopia
4290296530

Deuteranopia
4290295782

Tritanopia
4280144097

Trichromacy



Original Color
4280144097

Protanomaly
4286628567

Deuteranomaly
4286628068

Tritanomaly
4280144097

Monochromacy

Original Color
4280144097

Achromatopsia
4288453788

Achromatomaly
4285444021

CSS Examples

Text

The CSS property to change the color of the text to Android 4280144097 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(29, 208, 225) looks like.

```
.text, #text, p{
    color:rgb(29, 208, 225)
}
```

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(29, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 208, 225) }
```

Border

The CSS property to change the border of an element to Android 4280144097 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(29, 208, 225) }
```

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

```
.border{ border-color:rgb(29, 208, 225) }
```

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

Here you see how a box with a 4 pixel rgb(29, 208, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 208, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 208, 225); box-shadow:4px 4px 4px 4px rgb(29, 208, 225) }
```

Background

The CSS property to change the background color of an element to Android 4280144097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(29, 208, 225) }
```

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

```
.background{ background-color:rgb(29, 208,
225) }
```

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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