Converting Colors

Android(4283229864)

Have a look what the booklet for Android(4283229864) contains.

Color

Android(4283229864)

Conversions

Conversions Part 1

Format	Color
Hex	4CE6A8
RGB	76, 230, 168
RGB Percent	30%, 90%, 66%
CMY	0.7020, 0.0980, 0.3412
CMYK	0.67, 0.00, 0.27, 0.10
HSL	156°, 75%, 60%
HSV	156°, 67%, 90%
XYZ	38.3452, 60.9573, 46.7907
YIQ	176.8860, -71.8820, -51.9300

Conversions

Conversions Part 2

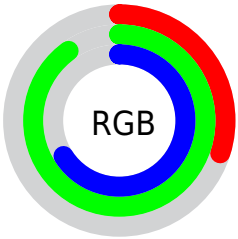
Format	Color
RYB	76, 172, 230
Decimal	5039784
CIELab	82.36, -54.49, 18.65
CIELCh	82, 57.597, 161.104
Yxy	60.9573, 0.2625, 0.4172
Android (android.graphics.Color)	4283229864 (0xFF4CE6A8)
YUV	176.8860, -4.3808, -88.4770
Hunter-Lab	78.0751, -48.9645, 19.1199

Details

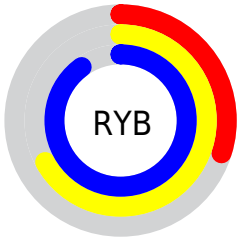
The Android color 4283229864 is a light color, and the websafe version is hex 33CC99. The color can be described as light muted spring green. A complement of this color would be 4293282954, and the grayscale version is 4289835441.

A 20% lighter version of the original color is 4287496159, and 4278234484 is the 20% darker color. If you saturate the color by 10%, you get 4281722527, and if you desaturate by 10%, it is 4284737201.

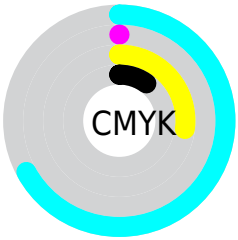
Distribution



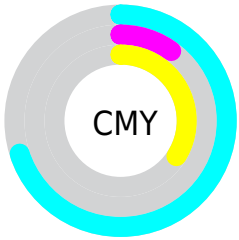
- Red (30%)
- Green (90%)
- Blue (66%)



- Red (30%)
- Yellow (67%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283229864 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 4283229864 by changing the saturation by 10% instead.

4283229864

4294967295

4287496159

4289527804

4291493887

4293525503

4283229864

4280404365

4278234484

4278227547

4278220611

4278213933

4278207511

4278201856

4278193920

4278190080

4283229864

4281722527

4280215189

4278707852

4278249097

4283229864

4284737201

4286244539

4287751876

4289259213

4290766550

4292273888

4293781225

4294960882

4294960891

Harmonies

Analogous

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

4288667256

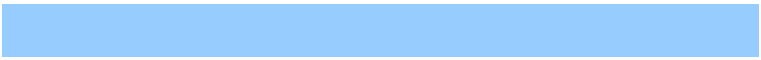
4283229864

4278249952

Triad

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

4283229864



4288138495

4294945416

Complementary

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

4283229864

4293282954

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.

4294942651

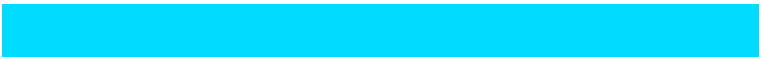
4283229864

4293638143

Square

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

4283229864



4278246655

4294944241

4294950502

Rectangle

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

4283229864

4278249471

4294944241

4294944152

Sweetspot

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

4283229864

4291624938

4287424076

4284579955

4278190080

4286611584

Same Dimension

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

4283229864

4281597869

4283226598

4284969838

4278236011

4278203166

Inverse Universe

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

4293282954

4294914949

4293286220

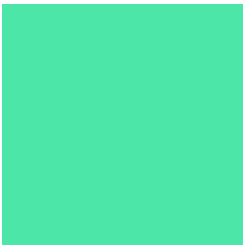
4285753196

4289921096

4281532437

Previews

White Background

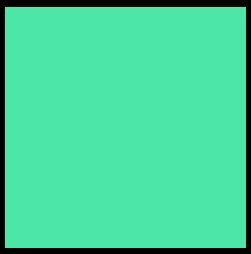


This preview shows how the Android color 4283229864 looks on a white background.

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 4283229864 looks on a black background.

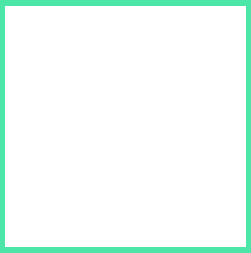
Color Contrast Check

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 4283229864 Background

This preview shows how black text looks on a background with the Android color 4283229864.

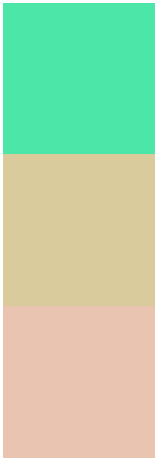


This preview shows how white text looks on a background with the Android color 4283229864.

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



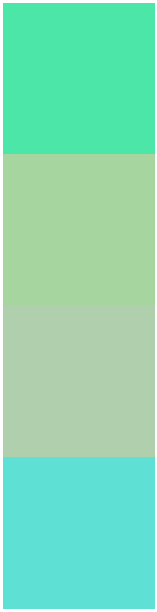
Original Color
4283229864

Protanopia
4292463515

Deuteranopia
4293510320

Tritanopia
4285062639

Trichromacy



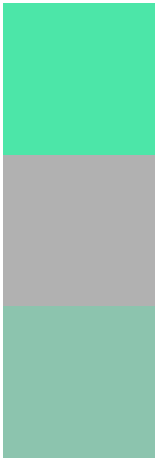
Original Color
4283229864

Protanomaly
4289123744

Deuteranomaly
4289777837

Tritanomaly
4284408021

Monochromacy



Original Color
4283229864

Achromatopsia
4289835441

Achromatomaly
4287415470

CSS Examples

Text

The CSS property to change the color of the text to Android 4283229864 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(76, 230, 168) looks like.

```
.text, #text, p{
    color:rgb(76, 230, 168)
}
```

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(76, 230, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 230, 168) }
```

Border

The CSS property to change the border of an element to Android 4283229864 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(76, 230, 168) }
```

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

```
.border{ border-color:rgb(76, 230, 168) }
```

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

Here you see how a box with a 4 pixel rgb(76, 230, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 230, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 230, 168); box-shadow:4px 4px 4px 4px rgb(76, 230, 168) }
```

Background

The CSS property to change the background color of an element to Android 4283229864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(76, 230, 168) }
```

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

```
.background{ background-color:rgb(76, 230,
168) }
```

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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