

Converting Colors

Android(4280928906)

Have a look what the booklet for
Android(4280928906) contains.

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Color

Android(4280928906)

Conversions

Conversions Part 1

Format	Color
Hex	29CA8A
RGB	41, 202, 138
RGB Percent	16%, 79%, 54%
CMY	0.8392, 0.2078, 0.4588
CMYK	0.80, 0.00, 0.32, 0.21
HSL	156°, 66%, 48%
HSV	156°, 80%, 79%
XYZ	26.6224, 44.5475, 31.2401
YIQ	146.5650, -75.4120, -54.0360

Conversions

Conversions Part 2

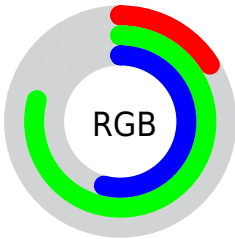
Format	Color
RYB	41, 141, 202
Decimal	2738826
CIELab	72.59, -54.72, 20.84
CIELCh	73, 58.554, 159.155
Yxy	44.5475, 0.2600, 0.4350
Android (android.graphics.Color)	4280928906 (0xFF29CA8A)
YUV	146.5650, -4.2225, -92.5805
Hunter-Lab	66.7439, -45.6027, 18.9694

Details

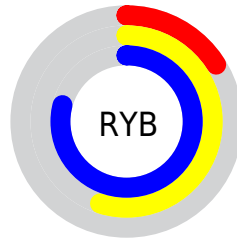
The Android color `4280928906` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark muted spring green. A complement of this color would be `4291438953`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4285661120`, and `4278227800` is the 20% darker color. If you saturate the color by 10%, you get `4279618178`, and if you desaturate by 10%, it is `4282239634`.

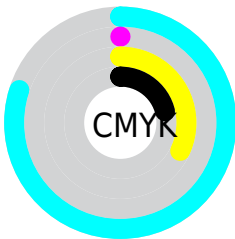
Distribution



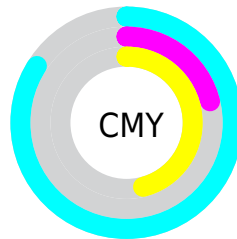
- Red (16%)
- Green (79%)
- Blue (54%)



- Red (16%)
- Yellow (55%)
- Blue (79%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (21%)



- Cyan (84%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280928906 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 4280928906 by changing the saturation by 10% instead.



4280928906



4280928906

4294967295



4278234736



4285661120



4278227800



4287692764



4278220864



4289724408



4278214185



4291690495



4278207764



4293722111



4278202112



4278194176



4278190080



4280928906



4280928906

■ 4279618178

■ 4282239634

■ 4278307450

■ 4283550362

■ 4278241914

■ 4284926626

■ 4286237354

■ 4287548082

■ 4288858810

■ 4290169538

■ 4291545802

■ 4292856530

Harmonies

Analogous

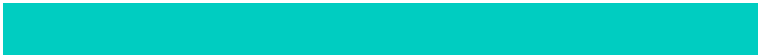
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287087195



4280928906



4278242753

Triad

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



4280928906



4285444863



4294938225

Complementary

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



4280928906



4291438953

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.



4294935460



4280928906



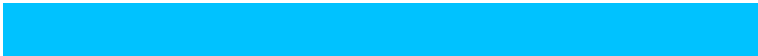
4291534335

Square

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



4280928906



4278239999



4294937049



4293894732

Rectangle

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



4280928906



4278242533



4294937049



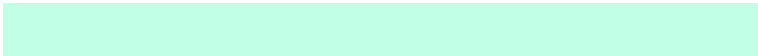
4294936961

Sweetspot

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



4280928906



4290969575



4285123113



4284186737



4278190080



4286611584

Same Dimension

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



4280928906



4278910878



4280924874



4284245602



4278232676



4278199831

Inverse Universe

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



4291438953



4294904428



4291442985



4284898400



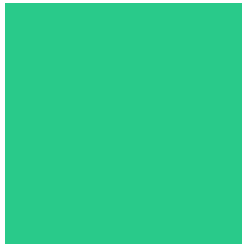
4289069122



4280680463

Previews

White Background



This preview shows how the Android color 4280928906 looks on a white background.

Color Contrast Check

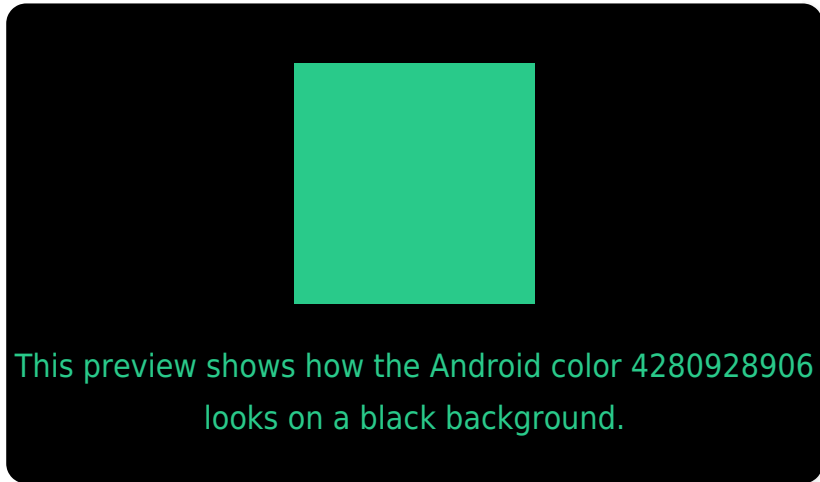
Large Text (above 18pt) WCAG AA × Fail

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 4280928906 Background



This preview shows how black text looks on a background with the Android color 4280928906.



This preview shows how white text looks on a background with the Android color 4280928906.

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



Trichromacy



Original Color

4280928906



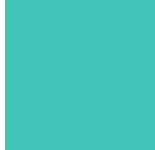
Protanomaly

4287150467



Deuteranomaly

4287739534



Tritanomaly

4282500279

Monochromacy



Original Color

4280928906



Achromatopsia

4287861651



Achromatomaly

4285310864

CSS Examples

Text

The CSS property to change the color of the text to Android 4280928906 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(41, 202, 138)` looks like.

```
.text, #text, p{  
    color:rgb(41, 202, 138)  
}
```

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(41, 202, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 202, 138) }
```

Border

The CSS property to change the border of an element to Android 4280928906 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(41, 202, 138) }
```

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

```
.border{ border-color:rgb(41, 202, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 202, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 202, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 202, 138);  
box-shadow:4px 4px 4px 4px rgb(41, 202,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4280928906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 202, 138) }
```

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

```
.background{ background-color: rgb(41, 202,  
138) }
```

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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