

Converting Colors

Android(4281188279)

Have a look what the booklet for
Android(4281188279) contains.

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Color

Android(4281188279)

Conversions

Conversions Part 1

Format	Color
Hex	2DBFB7
RGB	45, 191, 183
RGB Percent	18%, 75%, 72%
CMY	0.8235, 0.2510, 0.2824
CMYK	0.76, 0.00, 0.04, 0.25
HSL	177°, 62%, 46%
HSV	177°, 76%, 75%
XYZ	28.2602, 41.2384, 51.2701
YIQ	146.4340, -84.4480, -33.4400

Conversions

Conversions Part 2

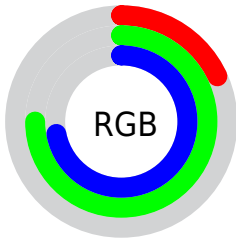
Format	Color
RYB	45, 120, 191
Decimal	2998199
CIELab	70.34, -38.45, -6.73
CIELCh	70, 39.031, 189.928
Yxy	41.2384, 0.2340, 0.3415
Android (android.graphics.Color)	4281188279 (0xFF2DBFB7)
YUV	146.4340, 18.0270, -88.9576
Hunter-Lab	64.2171, -33.8269, -2.3843

Details

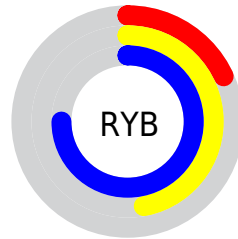
The Android color `4281188279` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290719029`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4285855983`, and `4278225282` is the 20% darker color. If you saturate the color by 10%, you get `4279943094`, and if you desaturate by 10%, it is `4282433464`.

Distribution



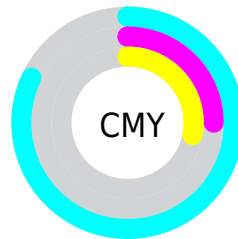
- Red (18%)
- Green (75%)
- Blue (72%)



- Red (18%)
- Yellow (47%)
- Blue (75%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (82%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281188279 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 4281188279 by changing the saturation by 10% instead.

 4281188279

 4281188279

4294967295

 4278232220

 4285855983

 4278225282

 4287889407

 4278218601

 4289855487

 4278212177

 4291821567


 4278205754


 4293853183

 4278200357

 4278190864

 4278190080

 4281188279

 4281188279

■ 4279943094

■ 4282433464

■ 4278697909

■ 4283678649

■ 4278239157

■ 4284923834

■ 4286169019

■ 4287479740

■ 4288724925

■ 4289970110

■ 4291215295

■ 4292460480

Harmonies

Analogous

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



4284792210



4281188279



4278238680

Triad

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



4281188279



4290748131



4292321898

Complementary

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



4281188279



4290719029

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.



4293695104



4281188279



4293039301

Square

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



4281188279



4287409394



4294021281



4290293349

Rectangle

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



4281188279



4281580009



4294021281



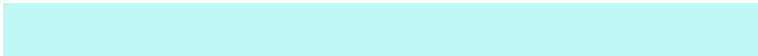
4292910448

Sweetspot

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



4281188279



4290705396



4281843501



4284120443



4294769916



4286414205

Same Dimension

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



4281188279



4279564267



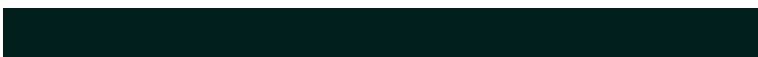
4281172159



4283784798



4278230677



4278198045

Inverse Universe

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



4290719029



4294382624



4290735149



4284372309



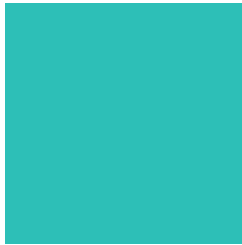
4288544777



4280221698

Previews

White Background



This preview shows how the Android color 4281188279 looks on a white background.

Color Contrast Check

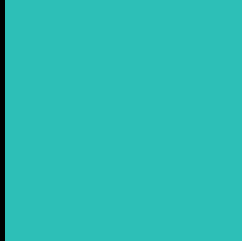
Large Text (above 18pt) WCAG AA × Fail

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 4281188279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

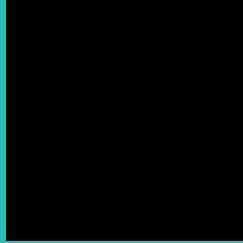
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

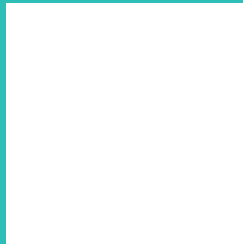
Any Text WCAG AAA ✓ Pass

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

Android 4281188279 Background



This preview shows how black text looks on a background with the Android color 4281188279.



This preview shows how white text looks on a background with the Android color 4281188279.

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

4281188279



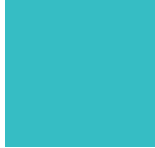
Protanomaly

4286558895



Deuteranomaly

4286754746



Tritanomaly

4281777604

Monochromacy



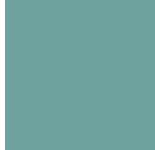
Original Color

4281188279



Achromatopsia

4287795858



Achromatomaly

4285375135

CSS Examples

Text

The CSS property to change the color of the text to Android 4281188279 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(45, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(45, 191, 183)  
}
```

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(45, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 191, 183) }
```

Border

The CSS property to change the border of an element to Android 4281188279 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(45, 191, 183) }
```

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

```
.border{ border-color:rgb(45, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(45, 191, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(45, 191, 183); box-shadow:4px 4px 4px 4px rgb(45, 191, 183) }
```

Background

The CSS property to change the background color of an element to Android 4281188279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 191, 183) }
```

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

```
.background{ background-color: rgb(45, 191,  
183) }
```

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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