

Converting Colors

Android(4281187238)

Have a look what the booklet for
Android(4281187238) contains.

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Color

Android(4281187238)

Conversions

Conversions Part 1

Format	Color
Hex	2DBBA6
RGB	45, 187, 166
RGB Percent	18%, 73%, 65%
CMY	0.8235, 0.2667, 0.3490
CMYK	0.76, 0.00, 0.11, 0.27
HSL	171°, 61%, 45%
HSV	171°, 76%, 73%
XYZ	25.7354, 38.8517, 42.2191
YIQ	142.1480, -77.8910, -36.6350

Conversions

Conversions Part 2

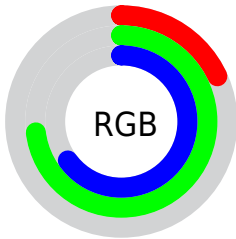
Format	Color
RYB	45, 122, 187
Decimal	2997158
CIELab	68.64, -41.37, 0.10
CIELCh	69, 41.373, 179.866
Yxy	38.8517, 0.2410, 0.3638
Android (android.graphics.Color)	4281187238 (0xFF2DBBA6)
YUV	142.1480, 11.7590, -85.1988
Hunter-Lab	62.3311, -35.3799, 3.4725

Details

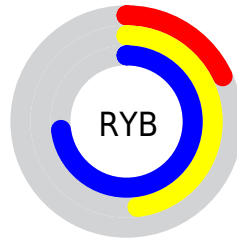
The Android color **4281187238** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290456898**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4285723869**, and **4278224242** is the 20% darker color. If you saturate the color by 10%, you get **4279942051**, and if you desaturate by 10%, it is **4282432425**.

Distribution



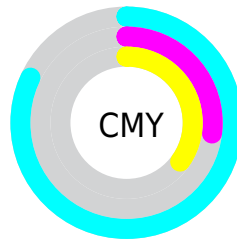
- Red (18%)
- Green (73%)
- Blue (65%)



- Red (18%)
- Yellow (48%)
- Blue (73%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (82%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281187238 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 4281187238 by changing the saturation by 10% instead.

 4281187238

 4281187238

4294967295

 4278231180

 4285723869

 4278224242

 4287692794

 4278217562

 4289658879

 4278211138


 4291624959

 4278204972

 4293656575

 4278199576

 4278190080

 4281187238

 4281187238

 4279942051

 4282432425

■ 4278762400

■ 4283612076

■ 4278238111

■ 4284857262

■ 4286102449

■ 4287347636

■ 4288527287

■ 4289772473

■ 4291017660

■ 4292197311

Harmonies

Analogous

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



4285249665



4281187238



4278237899

Triad

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



4281187238



4289437416



4292712552

Complementary

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



4281187238



4290456898

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.



4293823876



4281187238



4292252110

Square

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



4281187238



4285377522



4293757609



4290749787

Rectangle

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



4281187238



4278237152



4293757609



4293235824

Sweetspot

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



4281187238



4290507498



4282563373



4283988597



4294638330



4286216826

Same Dimension

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



4281187238



4279694034



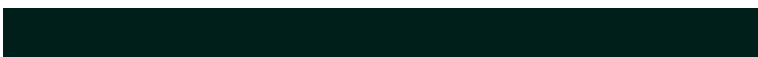
4281174459



4283784797



4278230663



4278198042

Inverse Universe

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



4290456898



4294055478



4290469677



4284372310



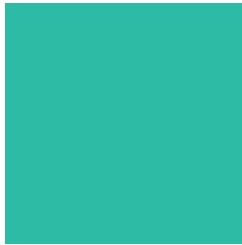
4288544791



4280221701

Previews

White Background



This preview shows how the Android color 4281187238 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 4281187238 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

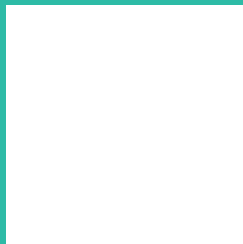
Any Text WCAG AAA ✓ Pass

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

Android 4281187238 Background



This preview shows how black text looks on a background with the Android color 4281187238.



This preview shows how white text looks on a background with the Android color 4281187238.

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



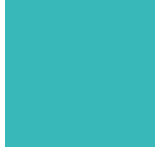
Original Color
4281187238



Protanomaly
4286492062



Deuteranomaly
4286818986



Tritanomaly
4281972922

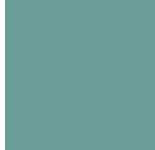
Monochromacy



Original Color
4281187238



Achromatopsia
4287532686



Achromatomaly
4285243031

CSS Examples

Text

The CSS property to change the color of the text to Android 4281187238 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, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(45, 187, 166)  
}
```

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, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 187, 166) }
```

Border

The CSS property to change the border of an element to Android 4281187238 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, 187, 166) }
```

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

```
.border{ border-color:rgb(45, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(45, 187,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4281187238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 187, 166) }
```

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

```
.background{ background-color: rgb(45, 187,  
166) }
```

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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