

Converting Colors

Android(4281187480)

Have a look what the booklet for
Android(4281187480) contains.

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Color

Android(4281187480)

Conversions

Conversions Part 1

Format	Color
Hex	2DBC98
RGB	45, 188, 152
RGB Percent	18%, 74%, 60%
CMY	0.8235, 0.2627, 0.4039
CMYK	0.76, 0.00, 0.19, 0.26
HSL	165°, 61%, 46%
HSV	165°, 76%, 74%
XYZ	24.7329, 38.7913, 35.8897
YIQ	141.1390, -73.6720, -41.5120

Conversions

Conversions Part 2

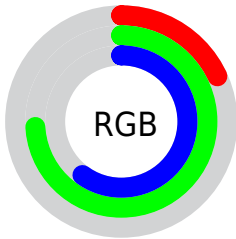
Format	Color
RYB	45, 127, 188
Decimal	2997400
CIELab	68.60, -45.44, 7.71
CIELCh	69, 46.089, 170.374
Yxy	38.7913, 0.2488, 0.3902
Android (android.graphics.Color)	4281187480 (0xFF2DBC98)
YUV	141.1390, 5.3545, -84.3139
Hunter-Lab	62.2827, -38.1111, 9.4327

Details

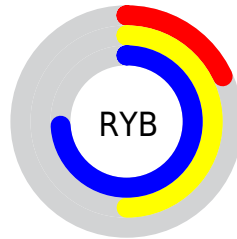
The Android color `4281187480` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290522449`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4285658574`, and `4278224485` is the 20% darker color. If you saturate the color by 10%, you get `4279942291`, and if you desaturate by 10%, it is `4282432669`.

Distribution



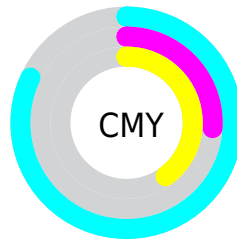
- Red (18%)
- Green (74%)
- Blue (60%)



- Red (18%)
- Yellow (50%)
- Blue (74%)



- Cyan (76%)
- Magenta (0%)
- Yellow (19%)
- Black (26%)





- Cyan (82%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281187480 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 4281187480 by changing the saturation by 10% instead.

 4281187480

 4281187480

4294967295

 4278231166

 4285658574


 4278224485

 4287627242

 4278217805

 4289593343

 4278211126


 4291559423

 4278204961

 4293591039

 4278199563

 4278190080

 4281187480

 4281187480

 4279942291

 4282432669

■ 4278697103

■ 4283677857

■ 4278238349

■ 4284857510

■ 4286102699

■ 4287347888

■ 4288593076

■ 4289838265

■ 4291017918

■ 4292263107

Harmonies

Analogous

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



4285839216



4281187480



4278238659

Triad

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



4281187480



4288062197



4293562729

Complementary

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



4281187480



4290522449

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.



4294411917



4281187480



4291728093

Square

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



4281187480



4282364153



4293822135



4291600468

Rectangle

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



4281187480



4278238172



4293822135



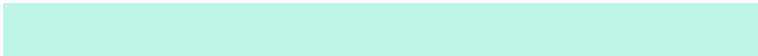
4293954931

Sweetspot

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



4281187480



4290573799



4283677741



4283988594



4294638330



4286216826

Same Dimension

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



4281187480



4279694781



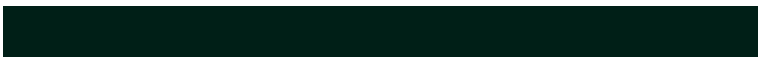
4281179068



4283784796



4278230646



4278198039

Inverse Universe

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



4290522449



4294252110



4290530861



4284372311



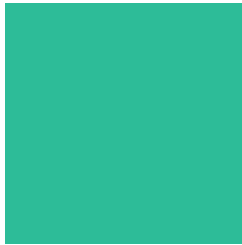
4288544808



4280221704

Previews

White Background



This preview shows how the Android color 4281187480 looks on a white background.

Color Contrast Check

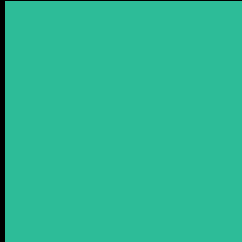
Large Text (above 18pt) WCAG AA × Fail

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 4281187480 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 4281187480 Background



This preview shows how black text looks on a background with the Android color 4281187480.

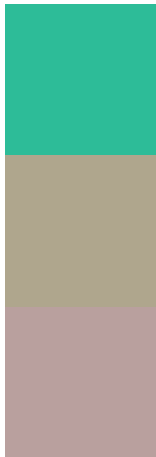


This preview shows how white text looks on a background with the Android color 4281187480.

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
4281187480

Protanopia
4289701517

Deuteranopia
4290355358

Trichromacy



Original Color

4281187480



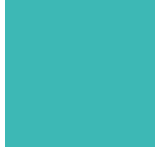
Protanomaly

4286623377



Deuteranomaly

4287015580



Tritanomaly

4282235061

Monochromacy



Original Color

4281187480



Achromatopsia

4287466893



Achromatomaly

4285177489

CSS Examples

Text

The CSS property to change the color of the text to Android 4281187480 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, 188, 152)` looks like.

```
.text, #text, p{  
    color:rgb(45, 188, 152)  
}
```

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, 188, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 188, 152) }
```

Border

The CSS property to change the border of an element to Android 4281187480 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, 188, 152) }
```

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

```
.border{ border-color:rgb(45, 188, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 188, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 188, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 188, 152);  
box-shadow:4px 4px 4px 4px rgb(45, 188,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4281187480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 188, 152) }
```

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

```
.background{ background-color: rgb(45, 188,  
152) }
```

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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