

Converting Colors

Android(4281185156)

Have a look what the booklet for
Android(4281185156) contains.

Android(4281185156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281185156)

Conversions

Conversions Part 1

Format	Color
Hex	2DB384
RGB	45, 179, 132
RGB Percent	18%, 70%, 52%
CMY	0.8235, 0.2980, 0.4824
CMYK	0.75, 0.00, 0.26, 0.30
HSL	159°, 60%, 44%
HSV	159°, 75%, 70%
XYZ	21.3671, 34.4640, 27.3559
YIQ	133.5760, -64.7770, -43.0250

Conversions

Conversions Part 2

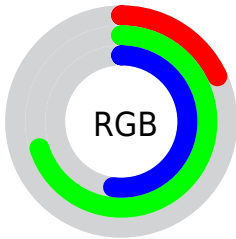
Format	Color
RYB	45, 126, 179
Decimal	2995076
CIELab	65.33, -46.53, 14.02
CIELCh	65, 48.601, 163.230
Yxy	34.4640, 0.2569, 0.4143
Android (android.graphics.Color)	4281185156 (0xFF2DB384)
YUV	133.5760, -0.7770, -77.6812
Hunter-Lab	58.7061, -37.7673, 13.4663

Details

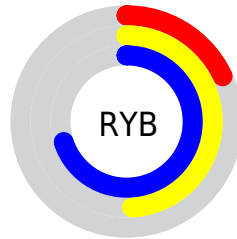
The Android color **4281185156** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **4289932636**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285525177**, and **4278222162** is the 20% darker color. If you saturate the color by 10%, you get **4280005502**, and if you desaturate by 10%, it is **4282364810**.

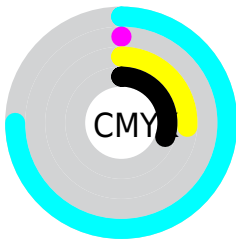
Distribution



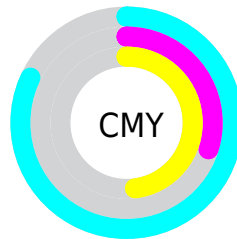
- Red (18%)
- Green (70%)
- Blue (52%)



- Red (18%)
- Yellow (49%)
- Blue (70%)



- Cyan (75%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281185156 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 4281185156 by changing the saturation by 10% instead.



4281185156



4281185156

4294967295



4278229099



4285525177



4278222162



4287430613



4278215483



4289396721



4278209061



4291362815



4278203153



4293263359



4278196992



4278190080



4281185156



4281185156



4280005502



4282364810

■ 4278825847

■ 4283544465

■ 4278236020

■ 4284724119

■ 4285903773

■ 4287083427

■ 4288197546

■ 4289377200

■ 4290556854

■ 4291736509

Harmonies

Analogous

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



4285902173



4281185156



4278236593

Triad

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



4281185156



4286094835



4293428325

Complementary

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



4281185156



4289932636

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.



4294015629



4281185156



4290481374

Square

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



4281185156



4278233841



4293033401



4291662922

Rectangle

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



4281185156



4278236109



4293033401



4293754737

Sweetspot

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



4281185156



4290111702



4284396333



4283921771



4294309365



4285887861

Same Dimension

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



4281185156



4279756959



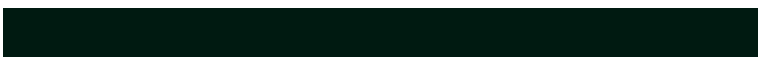
4281180595



4283455830



4278229347



4278196753

Inverse Universe

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



4289932636



4293400416



4289937197



4284043347



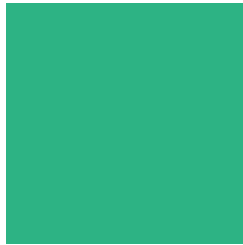
4288217142



4279894025

Previews

White Background



This preview shows how the Android color 4281185156 looks on a white background.

Color Contrast Check

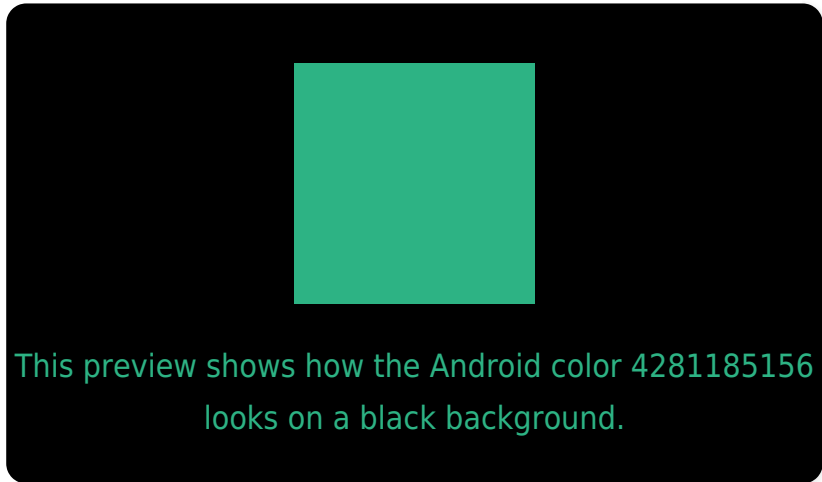
Large Text (above 18pt) WCAG AA × Fail

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 4281185156 Background



This preview shows how black text looks on a background with the Android color 4281185156.



This preview shows how white text looks on a background with the Android color 4281185156.

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

4281185156



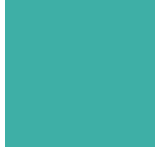
Protanomaly

4286293374



Deuteranomaly

4286816904



Tritanomaly

4282298278

Monochromacy



Original Color

4281185156



Achromatopsia

4287006342



Achromatomaly

4284913285

CSS Examples

Text

The CSS property to change the color of the text to Android 4281185156 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, 179, 132)` looks like.

```
.text, #text, p{  
    color:rgb(45, 179, 132)  
}
```

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, 179, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 179, 132) }
```

Border

The CSS property to change the border of an element to Android 4281185156 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, 179, 132) }
```

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

```
.border{ border-color:rgb(45, 179, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 179, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 179, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 179, 132);  
box-shadow:4px 4px 4px 4px rgb(45, 179,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4281185156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 179, 132) }
```

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

```
.background{ background-color: rgb(45, 179,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor