

# Converting Colors

Android(4285187243)

Have a look what the booklet for  
Android(4285187243) contains.

<b>Android(4285187243)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4285187243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC4AB
RGB	106, 196, 171
RGB Percent	42%, 77%, 67%
CMY	0.5843, 0.2314, 0.3294
CMYK	0.46, 0.00, 0.13, 0.23
HSL	163°, 43%, 59%
HSV	163°, 46%, 77%
XYZ	33.0345, 45.4843, 45.5663
YIQ	166.2400, -45.6150, -26.8550

# Conversions

## Conversions Part 2

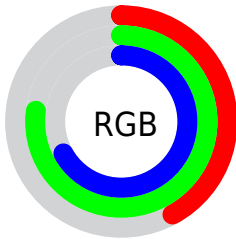
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 158, 196
Decimal	6997163
CIELab	73.21, -32.98, 4.21
CIElCh	73, 33.248, 172.722
Yxy	45.4843, 0.2662, 0.3666
Android (android.graphics.Color)	4285187243 (0xFF6AC4AB)
YUV	166.2400, 2.3467, -52.8305
Hunter-Lab	67.4420, -30.5907, 7.1509

# Details

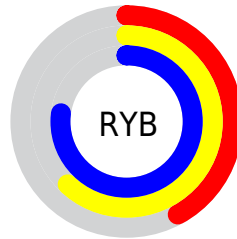
The Android color `4285187243` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291062403`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4288871906`, and `4281437815` is the 20% darker color. If you saturate the color by 10%, you get `4283876518`, and if you desaturate by 10%, it is `4286497968`.

# Distribution



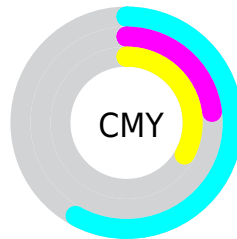
- Red (42%)
- Green (77%)
- Blue (67%)



- Red (42%)
- Yellow (62%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285187243 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 4285187243 by changing the saturation by 10% instead.





4285187243



4285187243

4294967295



4283345041



4288871906



4281437815



4290707455



4278744158



4292607999



4278213447



4294574079



4278207280



4278201371



4278194945



4278190080



4285187243



4285187243

 4283876518

 4286497968

 4282631328

 4287743158


 4281320603

 4289053883

 4280075413

 4290299073

 4278764688

 4291609798

 4278240398

 4292920524

 4294165713

 4294952151

 4294952156

# Harmonies

## Analogous

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



4287545486



4285187243



4283417802

# Triad

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



4285187243



4289638380



4293305732

# Complementary

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



4285187243



4291062403

# 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.



4293959326



4285187243



4292060377

# Square

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



4285187243



4286560752



4293565884



4291866487

# Rectangle

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



4285187243



4283417308



4293565884



4293632652

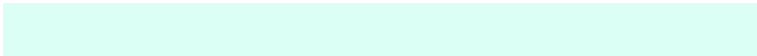


# Sweetspot

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



4285187243



4292607989



4286891114



4285169785



4278190080



4286611584



# Same Dimension

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



4285187243



4285792216



4285182404



4283916638



4278231412



4278198552



# Inverse Universe

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



4291062403



4294931354



4291067498



4284569434



4288741421

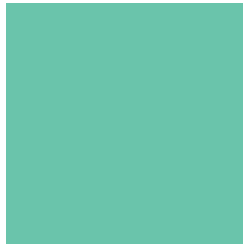


4280352777



# Previews

## White Background



This preview shows how the Android color 4285187243 looks on a white background.

## Color Contrast Check

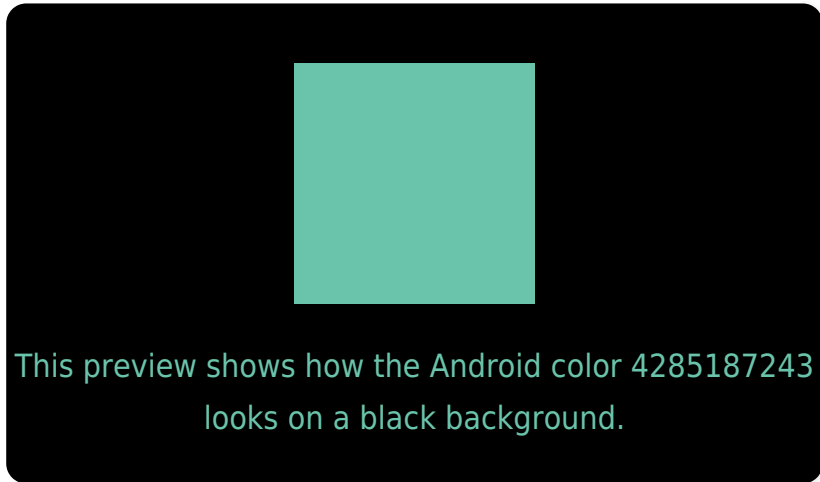
Large Text (above 18pt) WCAG AA × Fail

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 4285187243 Background



This preview shows how black text looks on a background with the Android color 4285187243.



This preview shows how white text looks on a background with the Android color 4285187243.

# Color Blindness Simulation

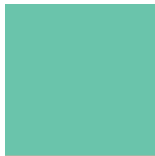
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4285187243



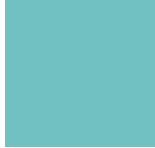
**Protanomaly**

4288526757



**Deuteranomaly**

4288984494



**Tritanomaly**

4285579713

# Monochromacy



**Original Color**

4285187243



**Achromatopsia**

4289111718



**Achromatomaly**

4287672744

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285187243 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(106, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(106, 196, 171)  
}
```

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(106, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 196, 171) }
```

## Border

The CSS property to change the border of an element to Android 4285187243 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(106, 196, 171) }
```

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

```
.border{ border-color:rgb(106, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 196, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 196, 171); box-shadow:4px 4px 4px 4px rgb(106, 196, 171) }
```

# Background

The CSS property to change the background color of an element to Android 4285187243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 196, 171) }
```

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

```
.background{ background-color: rgb(106,  
196, 171) }
```

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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