

# Converting Colors

Android(4286956470)

Have a look what the booklet for  
Android(4286956470) contains.

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# **Color**

**Android(4286956470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C3B6
RGB	133, 195, 182
RGB Percent	52%, 76%, 71%
CMY	0.4784, 0.2353, 0.2863
CMYK	0.32, 0.00, 0.07, 0.24
HSL	167°, 34%, 64%
HSV	167°, 32%, 76%
XYZ	37.6315, 47.3942, 51.4206
YIQ	174.9800, -32.7790, -17.1870

# Conversions

## Conversions Part 2

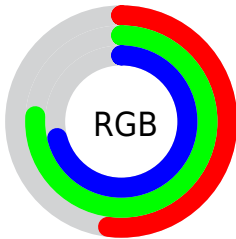
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 168, 195
Decimal	8766390
CIELab	74.44, -22.68, 0.19
CIELCh	74, 22.686, 179.532
Yxy	47.3942, 0.2758, 0.3473
Android (android.graphics.Color)	4286956470 (0xFF85C3B6)
YUV	174.9800, 3.4609, -36.8165
Hunter-Lab	68.8434, -22.9036, 3.9055

# Details

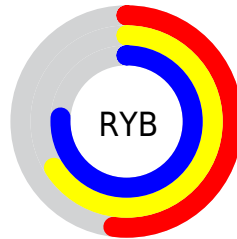
The Android color `4286956470` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291003794`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4290575598`, and `4283469185` is the 20% darker color. If you saturate the color by 10%, you get `4285711282`, and if you desaturate by 10%, it is `4288267194`.

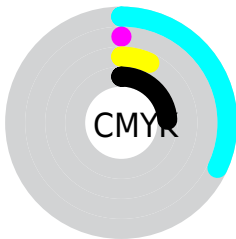
# Distribution



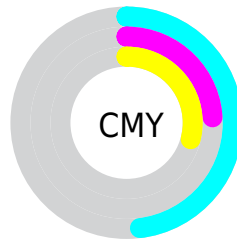
- Red (52%)
- Green (76%)
- Blue (71%)



- Red (52%)
- Yellow (66%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286956470 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 4286956470 by changing the saturation by 10% instead.





4286956470



4286956470

4294967295



4285180059



4290575598



4283469185



4292411391



4281824104



4294311935



4279982928



4278207289



4278201380



4278196494



4278190080



4286956470



4286956470

 4285711282

 4288267194

 4284400558

 4289512382

 4283155370

 4290823106

 4281844646

 4292068294

 4280599458

 4293379018

 4279288733

 4294624207

 4278240154

 4294951891

 4294951895

 4294951899

# Harmonies

## Analogous

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



4288266657



4286956470



4286431947

# Triad

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



4286956470



4290425563



4292456340

# Complementary

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



4286956470



4291003794

# 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.



4293044899



4286956470



4291996877

# Square

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



4286956470



4288592352



4292913336



4291278478

# Rectangle

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



4286956470



4286693590



4292913336



4292717976



# Sweetspot

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



4286956470



4293131511



4287808389



4285563004



4278190080



4286611584

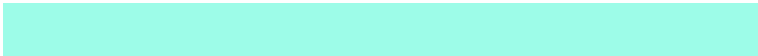


# Same Dimension

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



4286956470



4288543976



4286951875



4283916639



4278231423



4278198554



# Inverse Universe

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



4291003794



4294745521



4291008389



4284569433



4288741410



4280352775



# Previews

## White Background



This preview shows how the Android color 4286956470 looks on a white background.

## Color Contrast Check

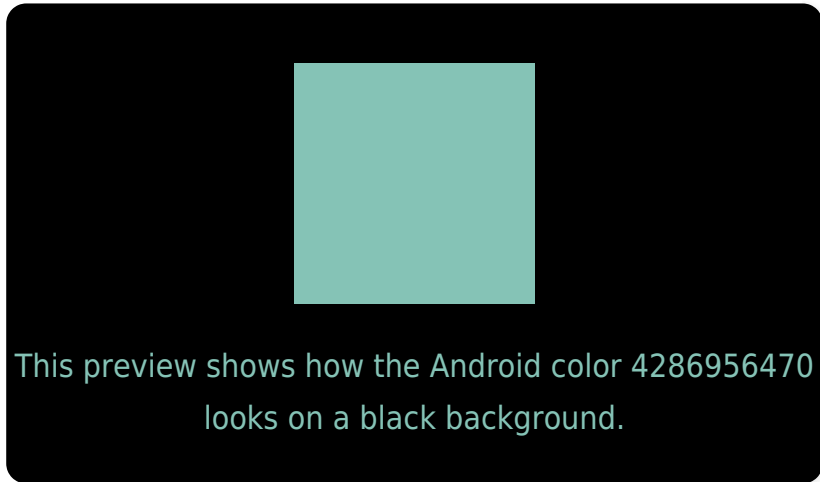
Large Text (above 18pt) WCAG AA × Fail

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 4286956470 Background



This preview shows how black text looks on a background with the Android color 4286956470.



This preview shows how white text looks on a background with the Android color 4286956470.

# 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**  
4286956470

**Protanopia**  
4290492078

**Deuteranopia**  
4291211706



# Trichromacy



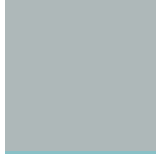
**Original Color**

4286956470



**Protanomaly**

4289182641



**Deuteranomaly**

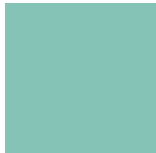
4289640633



**Tritanomaly**

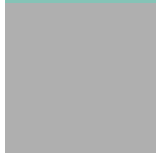
4287217862

# Monochromacy



**Original Color**

4286956470



**Achromatopsia**

4289703855



**Achromatomaly**

4288722610

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286956470 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(133, 195, 182)` looks like.

```
.text, #text, p{  
    color:rgb(133, 195, 182)  
}
```

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(133, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 195, 182) }
```

## Border

The CSS property to change the border of an element to Android 4286956470 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(133, 195, 182) }
```

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

```
.border{ border-color:rgb(133, 195, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 195, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 195, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 195, 182);  
box-shadow:4px 4px 4px 4px rgb(133, 195,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4286956470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 195, 182) }
```

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

```
.background{ background-color: rgb(133,  
195, 182) }
```

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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