

# Converting Colors

Android(4286957511)

Have a look what the booklet for  
Android(4286957511) contains.

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# **Color**

**Android(4286957511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C7C7
RGB	133, 199, 199
RGB Percent	52%, 78%, 78%
CMY	0.4784, 0.2196, 0.2196
CMYK	0.33, 0.00, 0.00, 0.22
HSL	180°, 37%, 65%
HSV	180°, 33%, 78%
XYZ	40.4051, 49.9569, 61.5459
YIQ	179.2660, -39.3360, -13.9920

# Conversions

## Conversions Part 2

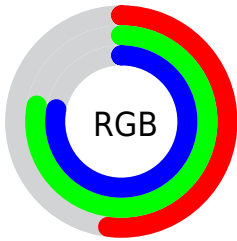
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 166, 199
Decimal	8767431
CIE <sub>Lab</sub>	76.04, -20.78, -6.67
CIE <sub>LCh</sub>	76, 21.825, 197.795
Yxy	49.9569, 0.2660, 0.3289
Android (android.graphics.Color)	4286957511 (0xFF85C7C7)
YUV	179.2660, 9.7289, -40.5753
Hunter-Lab	70.6802, -21.6489, -2.1516

# Details

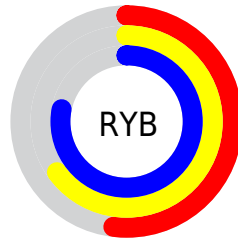
The Android color `4286957511` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291265925`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4290576383`, and `4283404689` is the 20% darker color. If you saturate the color by 10%, you get `4285646791`, and if you desaturate by 10%, it is `4288268231`.

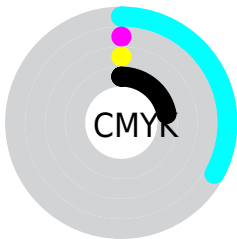
# Distribution



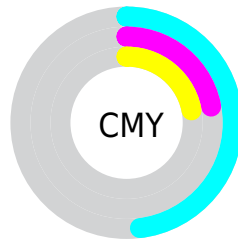
- Red (52%)
- Green (78%)
- Blue (78%)



- Red (52%)
- Yellow (65%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286957511 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 4286957511 by changing the saturation by 10% instead.





4286957511



4286957511

4294967295



4285181100



4290576383



4283404689



4292476927



4281628536



4294377471



4279656031



4278208071



4278202161



4278197276



4278190080



4286957511



4286957511

■ 4285646791

■ 4288268231

■ 4284336071

■ 4289578951

■ 4283025351

■ 4290889671

■ 4281714631

■ 4292200391

■ 4280469447

■ 4293511111

■ 4279158727

■ 4294756295

■ 4278241223

■ 4294952903

# Harmonies

## Analogous

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



4287809458



4286957511



4287088089

# Triad

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



4286957511



4291670743



4292065172

# Complementary

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



4286957511



4291265925

# 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.



4292981150



4286957511



4292849349

# Square

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



4286957511



4290034146



4293242544



4290690709

# Rectangle

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



4286957511



4287808224



4293242544



4292392343



# Sweetspot

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



4286957511



4293328895



4286957445



4285563008



4278190080



4286611584



# Same Dimension

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



4286957511



4288282623



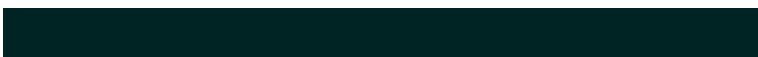
4286949063



4284113763



4278231971



4278199332



# Inverse Universe

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



4291265991



4294941183



4291274373



4284701283



4288872611

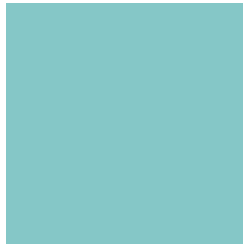


4280549412



# Previews

## White Background



This preview shows how the Android color 4286957511 looks on a white background.

## Color Contrast Check

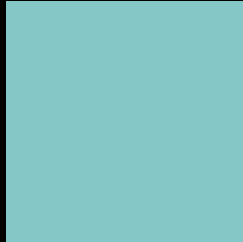
Large Text (above 18pt) WCAG AA × Fail

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 4286957511 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 4286957511 Background



This preview shows how black text looks on a background with the Android color 4286957511.



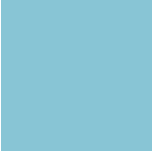
This preview shows how white text looks on a background with the Android color 4286957511.

# 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





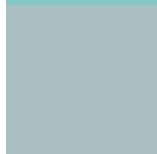
**Tritanopia**  
4287153621

# Trichromacy



**Original Color**

4286957511



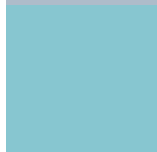
**Protanomaly**

4289314754



**Deuteranomaly**

4289641674



**Tritanomaly**

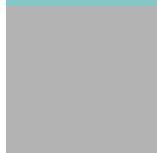
4287088336

# Monochromacy



**Original Color**

4286957511



**Achromatopsia**

4289967027



**Achromatomaly**

4288854714

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286957511 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(133, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 199, 199) }
```

## Border

The CSS property to change the border of an element to Android 4286957511 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, 199, 199) }
```

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

```
.border{ border-color:rgb(133, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 199, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 199, 199); box-shadow:4px 4px 4px 4px rgb(133, 199, 199) }
```

# Background

The CSS property to change the background color of an element to Android 4286957511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 199, 199) }
```

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

```
.background{ background-color: rgb(133,  
199, 199) }
```

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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