

# Converting Colors

Android(4286961103)

Have a look what the booklet for  
Android(4286961103) contains.

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# **Color**

**Android(4286961103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D5CF
RGB	133, 213, 207
RGB Percent	52%, 84%, 81%
CMY	0.4784, 0.1647, 0.1882
CMYK	0.38, 0.00, 0.03, 0.16
HSL	176°, 49%, 68%
HSV	176°, 38%, 84%
XYZ	44.7296, 57.0800, 67.6915
YIQ	188.3960, -45.7540, -18.8260

# Conversions

## Conversions Part 2

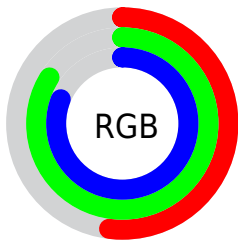
Format	Color
<a href="#">RYB</a>	<a href="#">133, 175, 213</a>
Decimal	<a href="#">8771023</a>
CIELab	<a href="#">80.22, -25.85, -4.79</a>
CIELCh	<a href="#">80, 26.286, 190.501</a>
Yxy	<a href="#">57.0800, 0.2639, 0.3368</a>
Android (android.graphics.Color)	<a href="#">4286961103 (0xFF85D5CF)</a>
YUV	<a href="#">188.3960, 9.1718, -48.5823</a>
Hunter-Lab	<a href="#">75.5513, -26.5352, -0.2360</a>

# Details

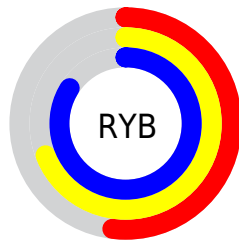
The Android color `4286961103` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292183435`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290641919`, and `4283342489` is the 20% darker color. If you saturate the color by 10%, you get `4285584845`, and if you desaturate by 10%, it is `4288337361`.

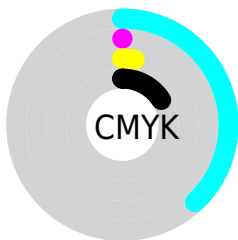
# Distribution



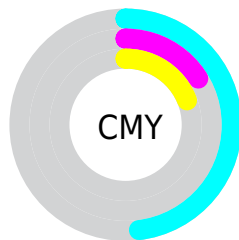
- Red (52%)
- Green (84%)
- Blue (81%)



- Red (52%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286961103 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 4286961103 by changing the saturation by 10% instead.





4286961103



4286961103

4294967295



4285118899



4290641919



4283342489



4292542463



4281435263



4294508543



4279003750



4278211150



4278204983



4278199586



4278190604



4278190080

 4286961103

 4286961103

 4285584845

 4288337361

 4284143052

 4289779154

 4282766794

 4291155412

 4281390537

 4292531669

 4280014279

 4293973463

 4278572485

 4294956505

 4278244805

 4294956506

 4294956508

 4294956509

# Harmonies

## Analogous

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



4288271542



4286961103



4286764006

# Triad

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



4286961103



4292263660



4293443737

# Complementary

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



4286961103



4292183435

# 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.



4294359464



4286961103



4293834712

# Square

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



4286961103



4290103031



4294555071



4291872919

# Rectangle

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



4286961103



4287484145



4294555071



4293836189



# Sweetspot

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



4286961103



4293132285



4287419781



4285497470



4278190080



4286611584



# Same Dimension

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



4286961103



4287430646



4286952661



4284509034



4278234014



4278201128



# Inverse Universe

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



4292183435



4294937749



4292191877



4285227105



4289396749

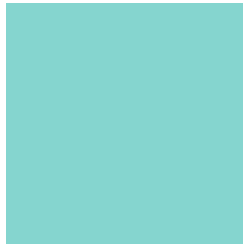


4281008131



# Previews

## White Background



This preview shows how the Android color 4286961103 looks on a white background.

## Color Contrast Check

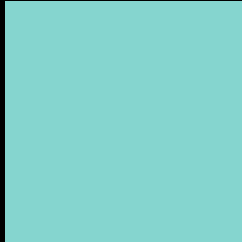
Large Text (above 18pt) WCAG AA × Fail

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 4286961103 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 4286961103 Background



This preview shows how black text looks on a background with the Android color 4286961103.

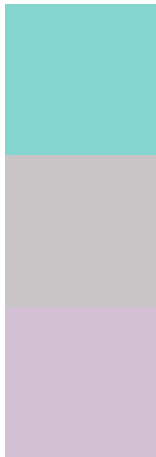


This preview shows how white text looks on a background with the Android color 4286961103.

# 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**  
4286961103

**Protanopia**  
4291413446

**Deuteranopia**  
4292067539



# Trichromacy



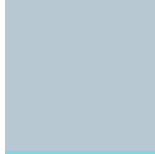
**Original Color**

4286961103



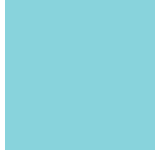
**Protanomaly**

4289776585



**Deuteranomaly**

4290234578



**Tritanomaly**

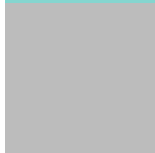
4287157212

# Monochromacy



**Original Color**

4286961103



**Achromatopsia**

4290559164



**Achromatomaly**

4289250755

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286961103 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, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(133, 213, 207)  
}
```

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, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 213, 207) }
```

## Border

The CSS property to change the border of an element to Android 4286961103 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, 213, 207) }
```

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

```
.border{ border-color:rgb(133, 213, 207) }
```

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

Here you see how a box with a 4 pixel rgb(133, 213, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(133, 213,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4286961103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 213, 207) }
```

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

```
.background{ background-color: rgb(133,  
213, 207) }
```

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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