

# Converting Colors

Android(4286889401)

Have a look what the booklet for  
Android(4286889401) contains.

<b>Android(4286889401)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4286889401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84BDB9
RGB	132, 189, 185
RGB Percent	52%, 74%, 73%
CMY	0.4824, 0.2588, 0.2745
CMYK	0.30, 0.00, 0.02, 0.26
HSL	176°, 30%, 63%
HSV	176°, 30%, 74%
XYZ	36.4703, 44.8035, 52.6247
YIQ	171.5010, -32.6880, -13.3280

# Conversions

## Conversions Part 2

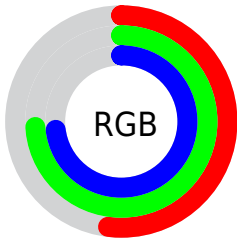
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 162, 189</a>
Decimal	<a href="#">8699321</a>
CIELab	<a href="#">72.76, -19.26, -3.92</a>
CIElCh	<a href="#">73, 19.658, 191.490</a>
Yxy	<a href="#">44.8035, 0.2724, 0.3346</a>
Android (android.graphics.Color)	<a href="#">4286889401 (0xFF84BDB9)</a>
YUV	<a href="#">171.5010, 6.6550, -34.6424</a>
Hunter-Lab	<a href="#">66.9354, -19.8799, 0.2409</a>

# Details

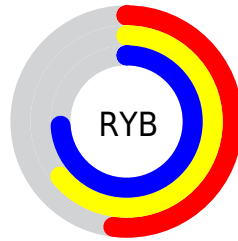
The Android color `4286889401` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290610312`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4290508273`, and `4283467908` is the 20% darker color. If you saturate the color by 10%, you get `4285644216`, and if you desaturate by 10%, it is `4288134586`.

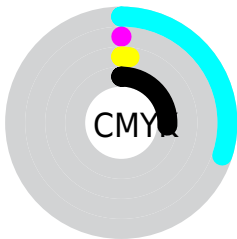
# Distribution



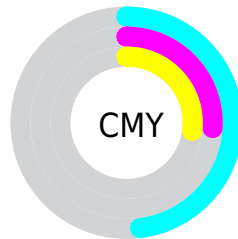
- Red (52%)
- Green (74%)
- Blue (73%)



- Red (52%)
- Yellow (64%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286889401 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 4286889401 by changing the saturation by 10% instead.





4286889401



4286889401

4294967295



4285178526



4290508273



4283467908



4292345855



4281757291



4294246399



4279981395



4278206012



4278200358



4278194705



4278190080



4286889401



4286889401

■ 4285644216

■ 4288134586

■ 4284399030

■ 4289379772

■ 4283153845

■ 4290624957

■ 4281908660

■ 4291870142

■ 4280729010

■ 4293115328

■ 4279483825

■ 4294294977

■ 4278238640

■ 4294950338

■ 4294950340

■ 4294950341

# Harmonies

## Analogous

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



4287741095



4286889401



4286823370

# Triad

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



4286889401



4290686158



4291538577

# Complementary

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



4286889401



4290610312

# 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.



4292257947



4286889401



4291864510

# Square

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



4286889401



4289180374



4292388524



4290360463

# Rectangle

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



4286889401



4287347154



4292388524



4291800212



# Sweetspot

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



4286889401



4292867571



4287217028



4285364857



4294638330



4286216826



# Same Dimension

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



4286889401



4288542191



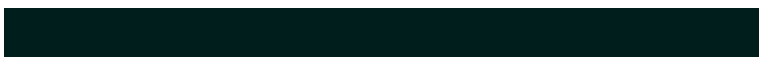
4286883261



4283784798



4278230675



4278198044



# Inverse Universe

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



4290610312



4294286755



4290616452



4284372310



4288544779

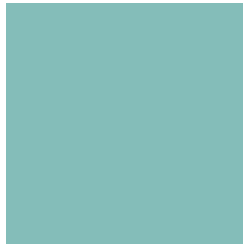


4280221698



# Previews

## White Background



This preview shows how the Android color 4286889401 looks on a white background.

## Color Contrast Check

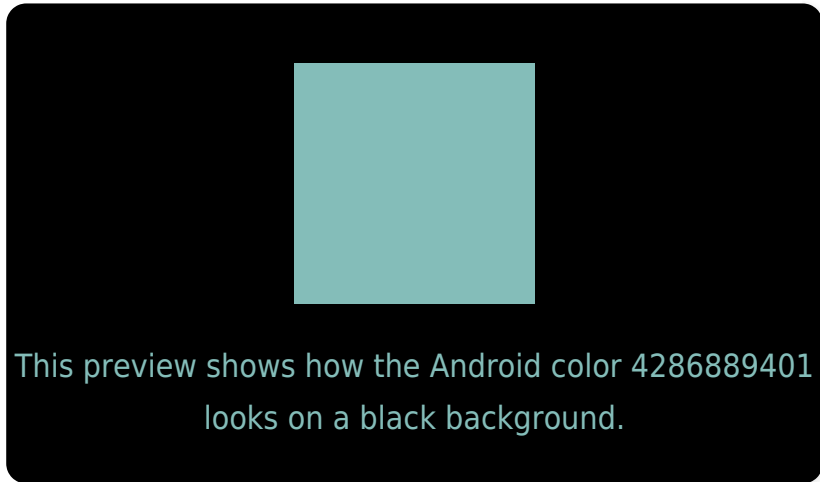
Large Text (above 18pt) WCAG AA × Fail

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 4286889401 Background



This preview shows how black text looks on a background with the Android color 4286889401.



This preview shows how white text looks on a background with the Android color 4286889401.

# Color Blindness Simulation

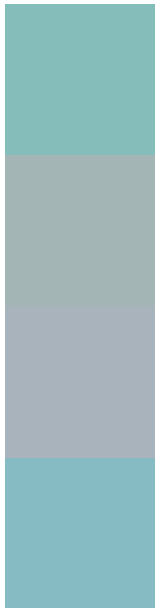
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



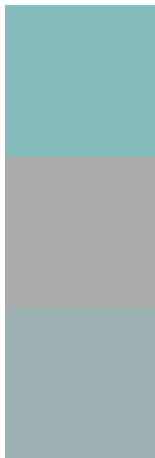
**Original Color**  
4286889401

**Protanomaly**  
4288918965

**Deuteranomaly**  
4289311675

**Tritanomaly**  
4287085507

# Monochromacy



**Original Color**  
4286889401

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288524977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286889401 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(132, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 185)  
}
```

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(132, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 185) }
```

## Border

The CSS property to change the border of an element to Android 4286889401 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(132, 189, 185) }
```

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

```
.border{ border-color:rgb(132, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4286889401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 185) }
```

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

```
.background{ background-color: rgb(132,  
189, 185) }
```

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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