

# Converting Colors

Android(4286298022)

Have a look what the booklet for  
Android(4286298022) contains.

<b>Android(4286298022)</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(4286298022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB7A6
RGB	123, 183, 166
RGB Percent	48%, 72%, 65%
CMY	0.5176, 0.2824, 0.3490
CMYK	0.33, 0.00, 0.09, 0.28
HSL	163°, 29%, 60%
HSV	163°, 33%, 72%
XYZ	31.9848, 40.8311, 42.2718
YIQ	163.1220, -30.3030, -18.0070

# Conversions

## Conversions Part 2

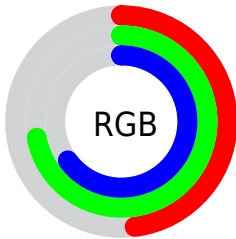
Format	Color
<a href="#">RYB</a>	<a href="#">123, 158, 183</a>
Decimal	<a href="#">8107942</a>
CIELab	<a href="#">70.06, -23.16, 2.47</a>
CIELCh	<a href="#">70, 23.288, 173.904</a>
Yxy	<a href="#">40.8311, 0.2779, 0.3548</a>
Android (android.graphics.Color)	<a href="#">4286298022 (0xFF7BB7A6)</a>
YUV	<a href="#">163.1220, 1.4189, -35.1870</a>
Hunter-Lab	<a href="#">63.8992, -22.4753, 5.5068</a>

# Details

The Android color `4286298022` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290214796`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4289851357`, and `4282876530` is the 20% darker color. If you saturate the color by 10%, you get `4285118369`, and if you desaturate by 10%, it is `4287477675`.

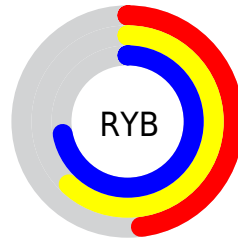
# Distribution



Red (48%)

Green (72%)

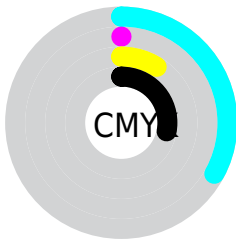
Blue (65%)



Red (48%)

Yellow (62%)

Blue (72%)

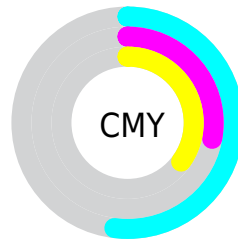


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286298022 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 4286298022 by changing the saturation by 10% instead.





4286298022



4286298022

4294967295



4284587148



4289851357



4282876530



4291690490



4281165914



4293591039



4279324738



4278204716



4278199064



4278190080



4286298022



4286298022



4285118369




4287477675

 4283873180

 4288722864

 4282693526

 4289902518

 4281513873

 4291082171

 4280334220

 4292327360

 4279089031

 4293507013

 4278237059

 4294686666

 4294948815

 4294948821

# Harmonies

## Analogous

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



4287739026



4286298022



4285511612

# Triad

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



4286298022



4289308626



4291797642

# Complementary

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



4286298022



4290214796

# 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.



4292320667



4286298022



4290945220

# Square

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



4286298022



4287409877



4291992752



4290750593

# Rectangle

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



4286298022



4285642184



4291992752



4292059279

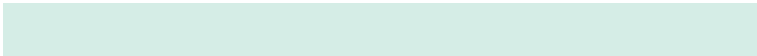


# Sweetspot

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



4286298022



4292210150



4287412091



4285102196



4294440951



4286085240



# Same Dimension

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



4286298022



4287753683



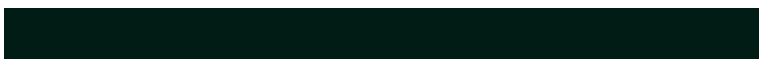
4286294711



4283653209



4278230127



4278197268



# Inverse Universe

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



4290214796



4293759403



4290218107



4284240725



4288413740



4280025096



# Previews

## White Background



This preview shows how the Android color 4286298022 looks on a white background.

## Color Contrast Check

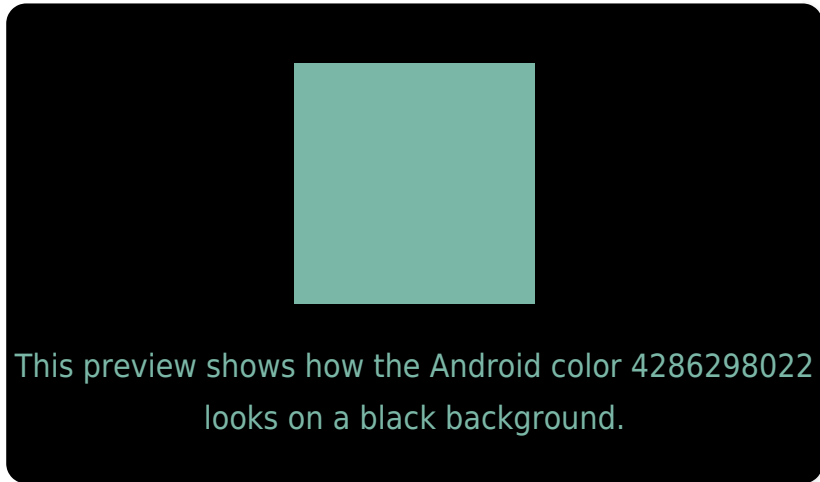
Large Text (above 18pt) WCAG AA × Fail

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 4286298022 Background



This preview shows how black text looks on a background with the Android color 4286298022.

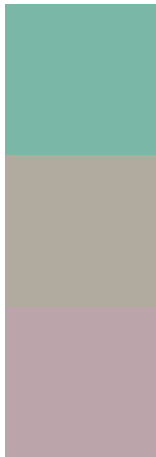


This preview shows how white text looks on a background with the Android color 4286298022.

# 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**  
[4286298022](#)

**Protanopia**  
[4289768095](#)

**Deuteranopia**  
[4290487722](#)



# Trichromacy



**Original Color**  
4286298022

**Protanomaly**  
4288524194

**Deuteranomaly**  
4288982185

**Tritanomaly**  
4286559415

# Monochromacy



**Original Color**  
4286298022

**Achromatopsia**  
4288914339

**Achromatomaly**  
4287933092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286298022 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(123, 183, 166)` looks like.

```
.text, #text, p{  
    color:rgb(123, 183, 166)  
}
```

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(123, 183, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 183, 166) }
```

## Border

The CSS property to change the border of an element to Android 4286298022 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(123, 183, 166) }
```

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

```
.border{ border-color:rgb(123, 183, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 183, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 183, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 183, 166);  
box-shadow:4px 4px 4px 4px rgb(123, 183,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4286298022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 183, 166) }
```

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

```
.background{ background-color: rgb(123,  
183, 166) }
```

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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