

# Converting Colors

Android(4289905064)

Have a look what the booklet for  
Android(4289905064) contains.

<b>Android(4289905064)</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(4289905064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C1A8
RGB	178, 193, 168
RGB Percent	70%, 76%, 66%
CMY	0.3020, 0.2431, 0.3412
CMYK	0.08, 0.00, 0.13, 0.24
HSL	96°, 17%, 71%
HSV	96°, 13%, 76%
XYZ	44.4979, 50.4321, 44.4349
YIQ	185.6650, -0.9150, -10.9550

# Conversions

## Conversions Part 2

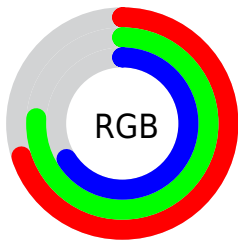
Format	Color
<a href="#">RYB</a>	<a href="#">168, 193, 183</a>
Decimal	<a href="#">11714984</a>
CIELab	<a href="#">76.33, -9.75, 10.85</a>
CIElCh	<a href="#">76, 14.583, 131.942</a>
Yxy	<a href="#">50.4321, 0.3193, 0.3619</a>
Android (android.graphics.Color)	<a href="#">4289905064</a> (0xFFB2C1A8)
YUV	<a href="#">185.6650, -8.7088, -6.7222</a>
Hunter-Lab	<a href="#">71.0155, -12.4301, 12.6128</a>

# Details

The Android color `4289905064` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4290226369`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4293589471`, and `4286417780` is the 20% darker color. If you saturate the color by 10%, you get `4289118613`, and if you desaturate by 10%, it is `4290691515`.

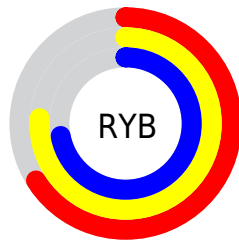
# Distribution



Red (70%)

Green (76%)

Blue (66%)



Red (66%)

Yellow (76%)

Blue (72%)

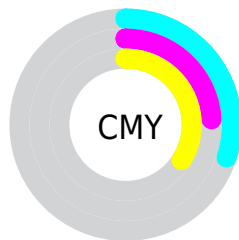


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (24%)



Cyan (30%)

Magenta (24%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289905064 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 4289905064 by changing the saturation by 10% instead.





4289905064



4289905064

4294967295



4288128654



4293589471



4286417780

4294967292



4284772955



4283193668



4281680430



4280298521



4278851584



4278190080



4289905064



4289905064

 4289118613

 4290691515

 4288397697

 4291412431

 4287611246

 4292198882

 4286890331

 4292919797

 4286103880

 4293706239

 4285382964

 4294427135

 4284596513

 4294951423

 4283810062

 4283285760

# Harmonies

## Analogous

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



4290952610



4289905064



4288988339

# Triad

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



4289905064



4289052885



4292457399

# Complementary

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



4289905064



4290226369

# 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.



4292064453



4289905064



4290100438

# Square

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



4289905064



4288398286



4291147728



4292326827

# Rectangle

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



4289905064



4288529597



4291147728



4292391868



# Sweetspot

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



4289905064



4294245104



4290885544



4286152055



4294769916



4286414205

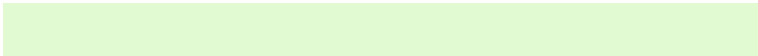


# Same Dimension

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



4289905064



4293065426



4289249707



4284178775



4282425600



4279050496



# Inverse Universe

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



4290226369



4293579514



4290881727



4284307297



4284481697



4279500833



# Previews

## White Background



This preview shows how the Android color 4289905064 looks on a white background.

## Color Contrast Check

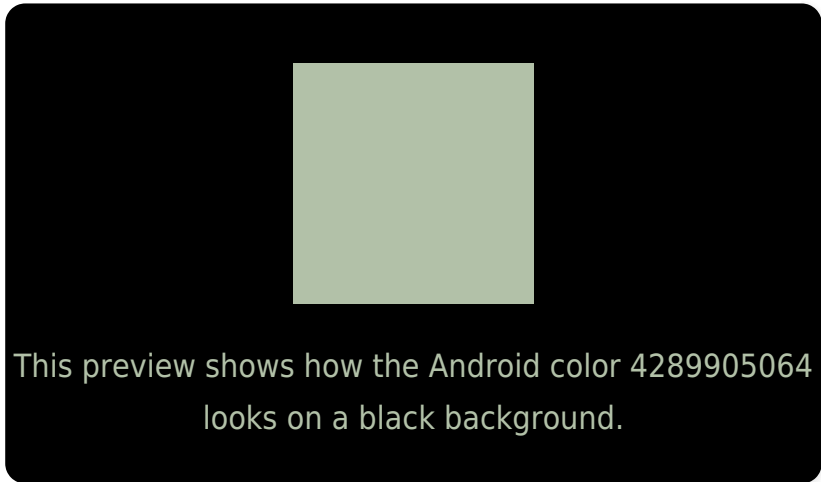
Large Text (above 18pt) WCAG AA × Fail

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

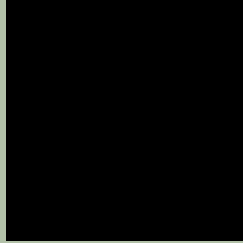
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

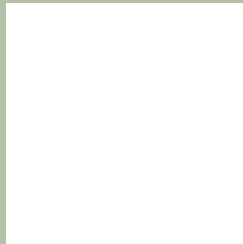
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289905064 Background



This preview shows how black text looks on a background with the Android color 4289905064.



This preview shows how white text looks on a background with the Android color 4289905064.

# 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](#).

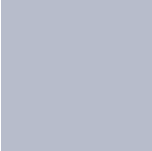
## Dichromacy



**Original Color**  
4289905064

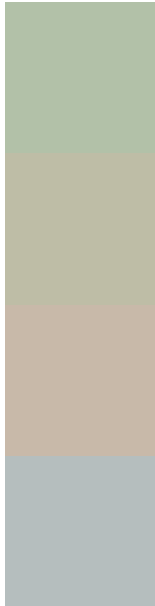
**Protanopia**  
4291148709

**Deuteranopia**  
4292195754



**Tritanopia**  
4290231499

# Trichromacy



**Original Color**

4289905064

**Protanomaly**

4290690470

**Deuteranomaly**

4291344809

**Tritanomaly**

4290100926

# Monochromacy



**Original Color**

4289905064

**Achromatopsia**

4290427578

**Achromatomaly**

4290231731

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289905064 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(178, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(178, 193, 168)  
}
```

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(178, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 193, 168) }
```

## Border

The CSS property to change the border of an element to Android 4289905064 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(178, 193, 168) }
```

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

```
.border{ border-color:rgb(178, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 193, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 193, 168);  
box-shadow:4px 4px 4px 4px rgb(178, 193,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4289905064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 193, 168) }
```

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

```
.background{ background-color: rgb(178,  
193, 168) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor