

# Converting Colors

Android(4289376668)

Have a look what the booklet for  
Android(4289376668) contains.

<b>Android(4289376668)</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(4289376668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB19C
RGB	170, 177, 156
RGB Percent	67%, 69%, 61%
CMY	0.3333, 0.3059, 0.3882
CMYK	0.04, 0.00, 0.12, 0.31
HSL	80°, 12%, 65%
HSV	80°, 12%, 69%
XYZ	38.3005, 42.3906, 37.6160
YIQ	172.5130, 2.5690, -8.0150

# Conversions

## Conversions Part 2

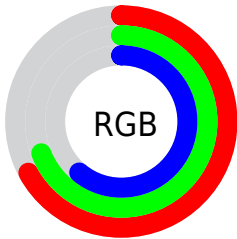
Format	Color
<a href="#">RYB</a>	<a href="#">156, 177, 163</a>
Decimal	<a href="#">11186588</a>
CIELab	<a href="#">71.14, -6.29, 9.90</a>
CIELCh	<a href="#">71, 11.733, 122.418</a>
Yxy	<a href="#">42.3906, 0.3237, 0.3583</a>
Android (android.graphics.Color)	<a href="#">4289376668 (0xFFAAB19C)</a>
YUV	<a href="#">172.5130, -8.1409, -2.2039</a>
Hunter-Lab	<a href="#">65.1081, -8.9348, 11.3210</a>

# Details

The Android color `4289376668` is a light color, and the websafe version is hex `999999`. A complement of this color would be `4288912561`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4292995538`, and `4285955177` is the 20% darker color. If you saturate the color by 10%, you get `4288983434`, and if you desaturate by 10%, it is `4289769902`.

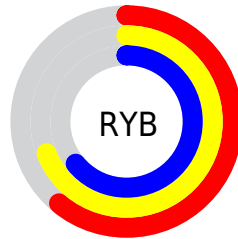
# Distribution



Red (67%)

Green (69%)

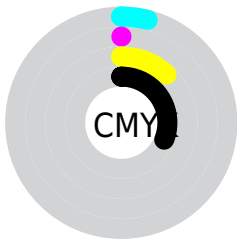
Blue (61%)



Red (61%)

Yellow (69%)

Blue (64%)

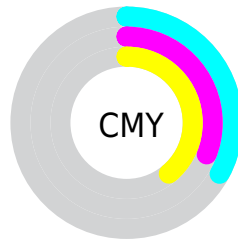


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289376668 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 4289376668 by changing the saturation by 10% instead.



 4289376668

 4289376668

4294967295

 4287600258

 4292995538

 4285955177

 4294901743

 4284310609

 4282731578

 4281283876

 4279902223

 4278192128

 4278190080

 4289376668

 4289376668

 4288983434

 4289769902

 4288590201

 4290163135

 4288196967

 4290556369


 4287803733

 4290949603

 4287410500

 4291342837

 4287082802

 4291670527

 4286689568

 4292063743

 4286296334

 4292456959

 4285968640

 4292850175

# Harmonies

## Analogous

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



4290162329



4289376668



4288590756

# Triad

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



4289376668



4288262849



4291078062

# Complementary

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



4289376668



4288912561

# 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.



4290619576



4289376668



4288982979

# Square

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



4289376668



4287870137



4289833920



4291143843

# Rectangle

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



4289376668



4288197803



4289833920



4290946993



# Sweetspot

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



4289376668



4293060316



4289831836



4285625197



4294111986



4285756275



# Same Dimension

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



4289376668



4292601541



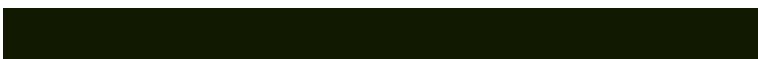
4288721308



4283849040



4284913920



4279310848



# Inverse Universe

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



4288912561



4291872230



4289633457



4283650137



4281532569



4278714394



# Previews

## White Background



This preview shows how the Android color 4289376668 looks on a white background.

## Color Contrast Check

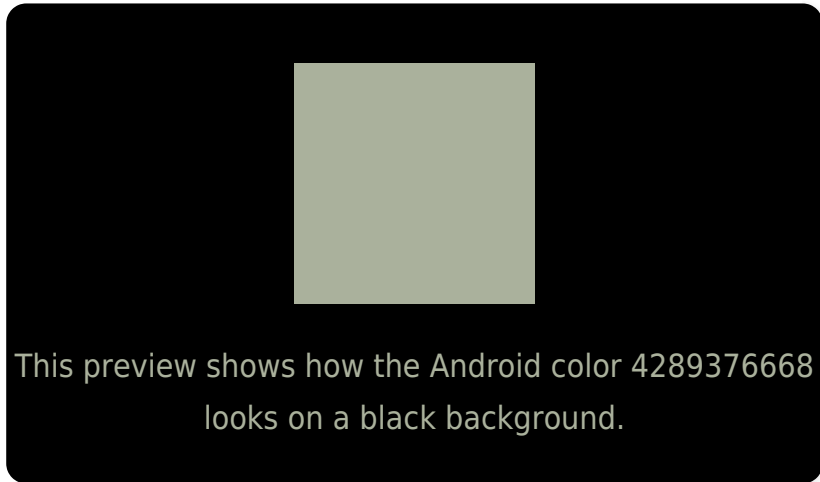
Large Text (above 18pt) WCAG AA × Fail

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 4289376668 Background



This preview shows how black text looks on a background with the Android color 4289376668.




This preview shows how white text looks on a background with the Android color 4289376668.

# 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**  
4289637818

# Trichromacy



**Original Color**  
4289376668

**Protanomaly**  
4289900187

**Deuteranomaly**  
4290489245

**Tritanomaly**  
4289572527

# Monochromacy



**Original Color**  
4289376668

**Achromatopsia**  
4289572269

**Achromatomaly**  
4289506983

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289376668 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(170, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 156)  
}
```

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(170, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 156) }
```

## Border

The CSS property to change the border of an element to Android 4289376668 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(170, 177, 156) }
```

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

```
.border{ border-color:rgb(170, 177, 156) }
```

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

Here you see how a box with a 4 pixel rgb(170, 177, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
156) }
```

# Background

The CSS property to change the background color of an element to Android 4289376668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 156) }
```

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

```
.background{ background-color: rgb(170,  
177, 156) }
```

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