

# Converting Colors

Android(4289511576)

Have a look what the booklet for  
Android(4289511576) contains.

<b>Android(4289511576)</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(4289511576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACC098
RGB	172, 192, 152
RGB Percent	67%, 75%, 60%
CMY	0.3255, 0.2471, 0.4039
CMYK	0.10, 0.00, 0.21, 0.25
HSL	90°, 24%, 67%
HSV	90°, 21%, 75%
XYZ	41.5304, 48.7369, 36.9240
YIQ	181.4600, 0.9200, -16.6800

# Conversions

## Conversions Part 2

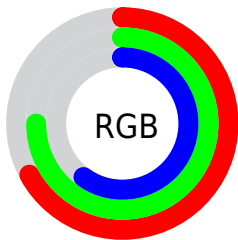
Format	Color
<a href="#">RYB</a>	<a href="#">152, 192, 172</a>
Decimal	<a href="#">11321496</a>
CIELab	<a href="#">75.29, -14.07, 17.92</a>
CIELCh	<a href="#">75, 22.783, 128.127</a>
Yxy	<a href="#">48.7369, 0.3265, 0.3832</a>
Android (android.graphics.Color)	<a href="#">4289511576 (0xFFACC098)</a>
YUV	<a href="#">181.4600, -14.5238, -8.2964</a>
Hunter-Lab	<a href="#">69.8118, -15.9828, 17.5093</a>

# Details

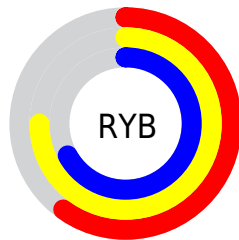
The Android color `4289511576` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289501376`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4293195982`, and `4286024549` is the 20% darker color. If you saturate the color by 10%, you get `4288856197`, and if you desaturate by 10%, it is `4290166955`.

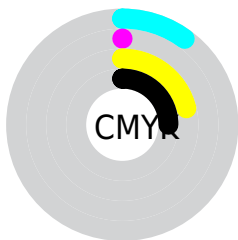
# Distribution



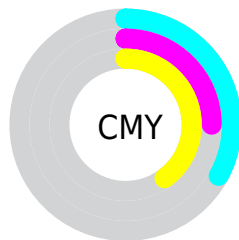
- Red (67%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289511576 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 4289511576 by changing the saturation by 10% instead.





4289511576



4289511576

4294967295



4287735166



4293195982



4286024549



4294967275



4284379469



4282800438



4281286944



4279905034



4278196224



4278190080



4289511576



4289511576

 4288856197

 4290166955

 4288266354

 4290756798

 4287610974

 4291412178

 4287021131

 4292002021

 4286365752

 4292657400

 4285710373

 4293312767

 4285120530

 4293902591

 4284530688

 4294557951

 4294951167

# Harmonies

## Analogous

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



4291082896



4289511576



4288005289

# Triad

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



4289511576



4287545568



4293175988

# Complementary

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



4289511576



4289501376

# 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.



4292455626



4289511576



4289247715

# Square

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



4289511576



4286563539



4291080922



4293111200

# Rectangle

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



4289511576



4287153591



4291080922



4293045180



# Sweetspot

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



4289511576



4294114027



4290817176



4286152052



4294769916



4286414205

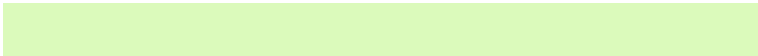


# Same Dimension

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



4289511576



4292606651



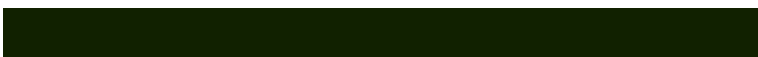
4288266392



4284244311



4283474176



4279312640



# Inverse Universe

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



4289501376



4292590586



4290812096



4284241761



4283433121



4279304225



# Previews

## White Background



This preview shows how the Android color 4289511576 looks on a white background.

## Color Contrast Check

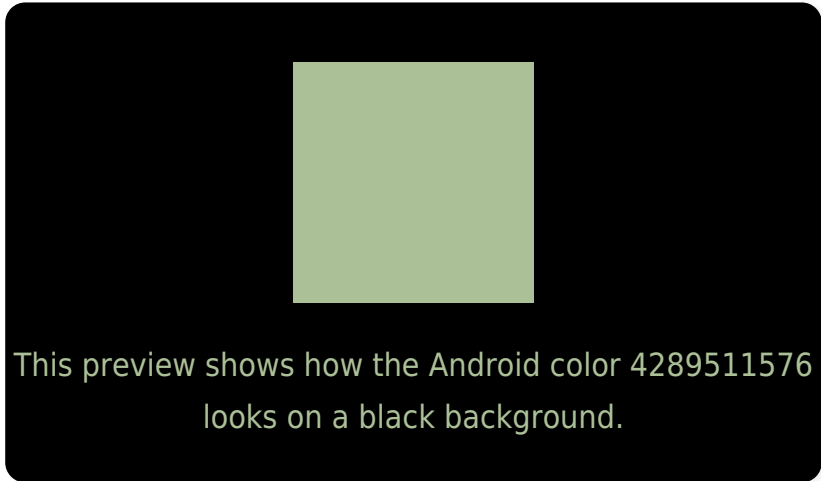
Large Text (above 18pt) WCAG AA × Fail

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

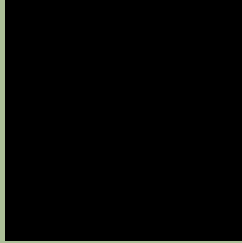
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289511576 Background



This preview shows how black text looks on a background with the Android color 4289511576.



This preview shows how white text looks on a background with the Android color 4289511576.

# Color Blindness Simulation

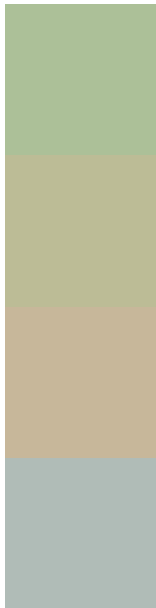
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4289511576

**Protanomaly**  
4290559126

**Deuteranomaly**  
4291278746

**Tritanomaly**  
4289772727

# Monochromacy



**Original Color**  
4289511576

**Achromatopsia**  
4290098613

**Achromatomaly**  
4289903018

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289511576 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(172, 192, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 152)  
}
```

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(172, 192, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 152) }
```

## Border

The CSS property to change the border of an element to Android 4289511576 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(172, 192, 152) }
```

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

```
.border{ border-color:rgb(172, 192, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 192, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 192, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 192, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 192,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4289511576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 152) }
```

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

```
.background{ background-color: rgb(172,  
192, 152) }
```

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