

# Converting Colors

Android(4289776516)

Have a look what the booklet for  
Android(4289776516) contains.

<b>Android(4289776516)</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(4289776516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0CB84
RGB	176, 203, 132
RGB Percent	69%, 80%, 52%
CMY	0.3098, 0.2039, 0.4824
CMYK	0.13, 0.00, 0.35, 0.20
HSL	83°, 41%, 66%
HSV	83°, 35%, 80%
XYZ	43.4253, 53.6079, 29.8884
YIQ	186.8330, 6.6990, -27.8050

# Conversions

## Conversions Part 2

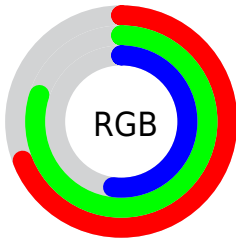
Format	Color
<a href="#">RYB</a>	<a href="#">132, 203, 159</a>
Decimal	<a href="#">11586436</a>
CIELab	<a href="#">78.23, -21.08, 32.49</a>
CIElCh	<a href="#">78, 38.727, 122.972</a>
Yxy	<a href="#">53.6079, 0.3421, 0.4224</a>
Android (android.graphics.Color)	<a href="#">4289776516</a> ( <a href="#">0xFFB0CB84</a> )
YUV	<a href="#">186.8330, -27.0327, -9.5005</a>
Hunter-Lab	<a href="#">73.2174, -22.2621, 27.0492</a>

# Details

The Android color `4289776516` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4288644299`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4293459898`, and `4286223697` is the 20% darker color. If you saturate the color by 10%, you get `4289252208`, and if you desaturate by 10%, it is `4290300824`.

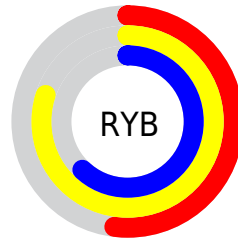
# Distribution



Red (69%)

Green (80%)

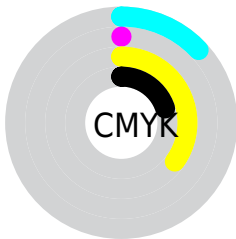
Blue (52%)



Red (52%)

Yellow (80%)

Blue (62%)

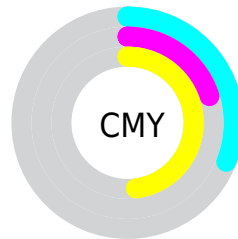


Cyan (13%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289776516 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 4289776516 by changing the saturation by 10% instead.





4289776516



4289776516

4294967295



4288000106



4293459898



4286223697



4294967254



4284578617



4294967282



4282933794



4281354761



4279907072



4278198016



4278190080



4289776516



4289776516

 4289252208

 4290300824

 4288793435

 4290759597

 4288269127

 4291283905

 4287744819

 4291808213

 4287220511

 4292332522

 4286761738

 4292791294

 4286499584

 4293315583

 4293839871

 4294298623

# Harmonies

## Analogous

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



4292264057



4289776516



4286960288

# Triad

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



4289776516



4284141311



4294944447

# Complementary

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



4289776516



4288644299

# Split Complementary

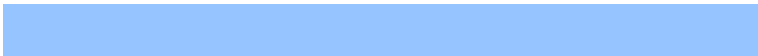
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294093795



4289776516



4288005375

# Square

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



4289776516



4282045671



4291540990



4294945436

# Rectangle

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



4289776516



4284994743



4291540990



4294944715



# Sweetspot

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



4289776516



4294311910



4291534468



4286218352



4278190080



4286611584

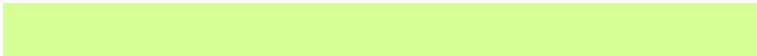


# Same Dimension

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



4289776516



4292280212



4287482756



4284638812



4284982784



4279772672



# Inverse Universe

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



4288644299



4290614527



4290938059



4284505190



4282319014



4279173158



# Previews

## White Background



This preview shows how the Android color 4289776516 looks on a white background.

## Color Contrast Check

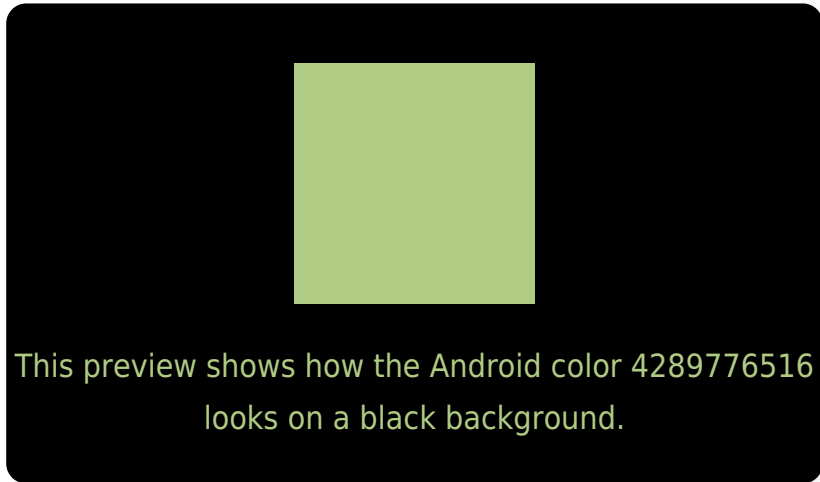
Large Text (above 18pt) WCAG AA × Fail

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

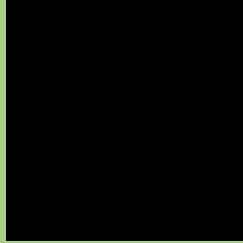
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289776516 Background



This preview shows how black text looks on a background with the Android color 4289776516.



This preview shows how white text looks on a background with the Android color 4289776516.

# 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**  
4289776516

**Protanopia**  
4292002176

**Deuteranopia**  
4293310856



**Tritanopia**  
4290495185

# Trichromacy



**Original Color**  
4289776516

**Protanomaly**  
4291216769

**Deuteranomaly**  
4292001927

**Tritanomaly**  
4290233781

# Monochromacy



**Original Color**  
4289776516

**Achromatopsia**  
4290493371

**Achromatomaly**  
4290232743

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289776516 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(176, 203, 132)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 132)  
}
```

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(176, 203, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 132) }
```

## Border

The CSS property to change the border of an element to Android 4289776516 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(176, 203, 132) }
```

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

```
.border{ border-color:rgb(176, 203, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 203, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 203, 132);  
box-shadow:4px 4px 4px 4px rgb(176, 203,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4289776516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 132) }
```

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

```
.background{ background-color: rgb(176,  
203, 132) }
```

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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