

# Converting Colors

Android(4289123969)

Have a look what the booklet for  
Android(4289123969) contains.

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# **Color**

**Android(4289123969)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6D681
RGB	166, 214, 129
RGB Percent	65%, 84%, 51%
CMY	0.3490, 0.1608, 0.4941
CMYK	0.22, 0.00, 0.40, 0.16
HSL	94°, 51%, 67%
HSV	94°, 40%, 84%
XYZ	43.7349, 57.7851, 29.6174
YIQ	189.9580, -1.3230, -36.6110

# Conversions

## Conversions Part 2

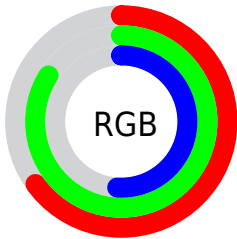
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 214, 177
Decimal	10933889
CIELab	80.62, -30.45, 37.00
CIELCh	81, 47.918, 129.455
Yxy	57.7851, 0.3335, 0.4406
Android (android.graphics.Color)	4289123969 (0xFFA6D681)
YUV	189.9580, -30.0523, -21.0112
Hunter-Lab	76.0165, -30.3317, 30.1111

# Details

The Android color `4289123969` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4289823190`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4292804535`, and `4285570894` is the 20% darker color. If you saturate the color by 10%, you get `4288337516`, and if you desaturate by 10%, it is `4289910422`.

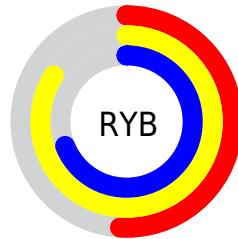
# Distribution



Red (65%)

Green (84%)

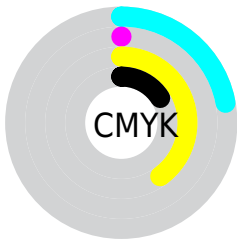
Blue (51%)



Red (51%)

Yellow (84%)

Blue (69%)

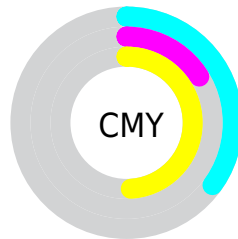


Cyan (22%)

Magenta (0%)

Yellow (40%)

Black (16%)



Cyan (35%)

Magenta (16%)















Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289123969 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 4289123969 by changing the saturation by 10% instead.



 4289123969	 4289123969
4294967295	 4287347303
 4292804535	 4285570894
 4294705107	 4283860278
 4294967279	 4282215197
	 4280505090
	 4278795008
	 4278199808
	 4278191104
	 4278190080

 4289123969

 4289123969

 4288337516

 4289910422

 4287551062

 4290696876

 4286764609

 4291483329

 4285978155

 4292269783

 4285191702

 4293056236

 4284339713

 4293908223

 4284339712

 4294694655

 4294956799

# Harmonies

## Analogous

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



4292332142



4289123969



4285259175

# Triad

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



4289123969



4282045951



4294943931

# Complementary

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



4289123969



4289823190

# 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.



4294945257



4289123969



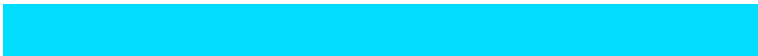
4288465151

# Square

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



4289123969



4278246911



4292851711



4294945937

# Rectangle

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



4289123969



4281655238



4292851711



4294943947



# Sweetspot

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



4289123969



4293853152



4292259969



4285890670



4278190080



4286611584



# Same Dimension

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



4289123969



4290445189



4286699141



4284836704



4283083520



4279446272



# Inverse Universe

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



4289823190



4291462655



4292248018



4284899435



4284481707



4279762987



# Previews

## White Background



This preview shows how the Android color 4289123969 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



This preview shows how the Android color 4289123969 looks on a 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 4289123969 Background



This preview shows how black text looks on a background with the Android color 4289123969.



This preview shows how white text looks on a background with the Android color 4289123969.

# 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**  
4289123969

**Protanopia**  
4292527995

**Deuteranopia**  
4293902214



# Trichromacy



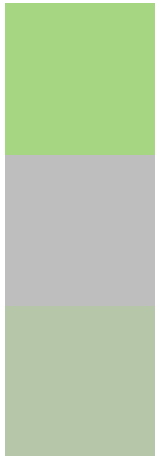
**Original Color**  
4289123969

**Protanomaly**  
4291284093

**Deuteranomaly**  
4292134788

**Tritanomaly**  
4289712058

# Monochromacy



**Original Color**  
4289123969

**Achromatopsia**  
4290690750

**Achromatomaly**  
4290103208

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289123969 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(166, 214, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 214, 129)  
}
```

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(166, 214, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 214, 129) }
```

## Border

The CSS property to change the border of an element to Android 4289123969 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(166, 214, 129) }
```

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

```
.border{ border-color:rgb(166, 214, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 214, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 214, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 214, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 214,  
129) }
```

# Background

The CSS property to change the background color of an element to Android 4289123969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 214, 129) }
```

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

```
.background{ background-color: rgb(166,  
214, 129) }
```

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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