

# Converting Colors

Android(4289781295)

Have a look what the booklet for  
Android(4289781295) contains.

<b>Android(4289781295)</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(4289781295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0DE2F
RGB	176, 222, 47
RGB Percent	69%, 87%, 18%
CMY	0.3098, 0.1294, 0.8157
CMYK	0.21, 0.00, 0.79, 0.13
HSL	76°, 73%, 53%
HSV	76°, 79%, 87%
XYZ	44.5389, 61.6779, 12.2469
YIQ	188.2960, 28.7590, -64.1770

# Conversions

## Conversions Part 2

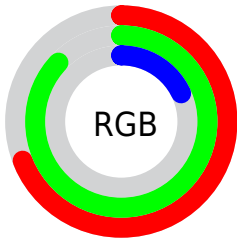
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 222, 93
Decimal	11591215
CIELab	82.74, -37.25, 73.70
CIELCh	83, 82.580, 116.812
Yxy	61.6779, 0.3760, 0.5206
Android (android.graphics.Color)	4289781295 (0xFFB0DE2F)
YUV	188.2960, -69.6589, -10.7836
Hunter-Lab	78.5353, -36.2060, 45.7289

# Details

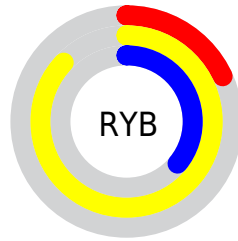
The Android color **4289781295** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4284297182**, and the grayscale version is **4290624957**.

A 20% lighter version of the original color is **4293656428**, and **4285966080** is the 20% darker color. If you saturate the color by 10%, you get **4289388057**, and if you desaturate by 10%, it is **4290174533**.

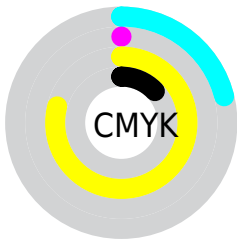
# Distribution



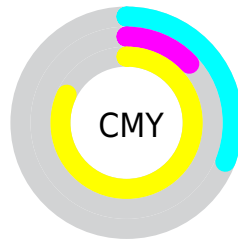
- Red (69%)
- Green (87%)
- Blue (18%)



- Red (18%)
- Yellow (87%)
- Blue (36%)



- Cyan (21%)
- Magenta (0%)
- Yellow (79%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289781295 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 4289781295 by changing the saturation by 10% instead.





4289781295



4289781295

4294967295



4287873536



4293656428



4285966080



4294967177



4284124160



4294967205



4282282496



4294967234



4280179200



4294967264



4278206976

4294967293



4278201088



4278194432



4278190080

■ 4289781295

■ 4289781295

■ 4289388057

■ 4290174533

■ 4288994819

■ 4290567771

■ 4288994816

■ 4290961010

■ 4291288712

■ 4291681950

■ 4292075188

■ 4292468426

■ 4292861665

■ 4293254903

# Harmonies

## Analogous

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



4294690576



4289781295



4281723764

# Triad

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



4289781295



4278250495



4294935002

# Complementary

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



4289781295



4284297182

# 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.



4294941439



4289781295



4278246143

# Square

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



4289781295



4278252287



4290625023



4294937229

# Rectangle

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



4289781295



4278251688



4290625023



4294936564

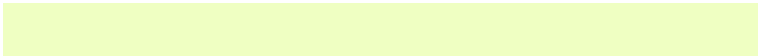


# Sweetspot

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



4289781295



4293918658



4292762415



4285956187



4278190080



4286611584



# Same Dimension

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



4289781295



4290772749



4284210735



4285362277



4286754816



4280561664



# Inverse Universe

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



4284297182



4283174399



4289867742



4285031792



4281204912



4279042096



# Previews

## White Background



This preview shows how the Android color 4289781295 looks on a white background.

## Color Contrast Check

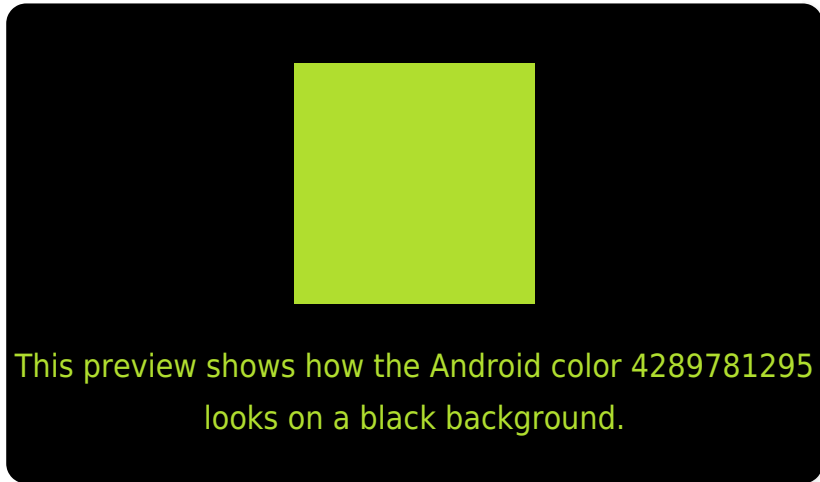
Large Text (above 18pt) WCAG AA × Fail

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 4289781295 Background



This preview shows how black text looks on a background with the Android color 4289781295.



This preview shows how white text looks on a background with the Android color 4289781295.

# 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**  
4289781295

**Protanopia**  
4293381675

**Deuteranopia**  
4294951758



# Trichromacy



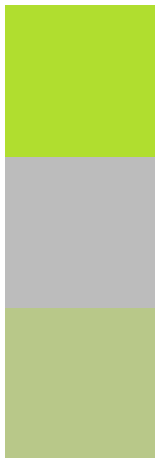
**Original Color**  
4289781295

**Protanomaly**  
4292072492

**Deuteranomaly**  
4293053763

**Tritanomaly**  
4290499743

# Monochromacy



**Original Color**  
4289781295

**Achromatopsia**  
4290559164

**Achromatomaly**  
4290300041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289781295 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, 222, 47)` looks like.

```
.text, #text, p{  
    color:rgb(176, 222, 47)  
}
```

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, 222, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 222, 47) }
```

## Border

The CSS property to change the border of an element to Android 4289781295 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, 222, 47) }
```

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

```
.border{ border-color:rgb(176, 222, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 222, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 222, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 222, 47);  
box-shadow:4px 4px 4px 4px rgb(176, 222,  
47) }
```

# Background

The CSS property to change the background color of an element to Android 4289781295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 222, 47) }
```

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

```
.background{ background-color: rgb(176,  
222, 47) }
```

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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