

# Converting Colors

Android(4289853030)

Have a look what the booklet for  
Android(4289853030) contains.

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# **Color**

**Android(4289853030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F666
RGB	177, 246, 102
RGB Percent	69%, 96%, 40%
CMY	0.3059, 0.0353, 0.6000
CMYK	0.28, 0.00, 0.59, 0.04
HSL	89°, 89%, 68%
HSV	89°, 59%, 96%
XYZ	53.4855, 76.2180, 24.4629
YIQ	208.9530, 5.1000, -59.4120

# Conversions

## Conversions Part 2

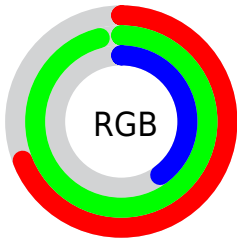
Format	Color
<a href="#">RYB</a>	<a href="#">102, 246, 171</a>
Decimal	<a href="#">11662950</a>
<a href="#">CIELab</a>	<a href="#">89.96, -43.93, 61.11</a>
<a href="#">CIELCh</a>	<a href="#">90, 75.258, 125.713</a>
<a href="#">Yxy</a>	<a href="#">76.2180, 0.3469, 0.4944</a>
Android (android.graphics.Color)	<a href="#">4289853030 (0xFFB1F666)</a>
<a href="#">YUV</a>	<a href="#">208.9530, -52.7278, -28.0228</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.3029, -43.4233, 44.4985</a>

# Details

The Android color `4289853030` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289423094`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4293722013`, and `4286102830` is the 20% darker color. If you saturate the color by 10%, you get `4289066573`, and if you desaturate by 10%, it is `4290639487`.

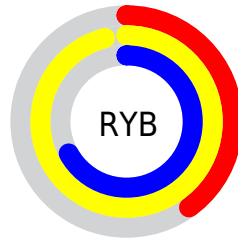
# Distribution



Red (69%)

Green (96%)

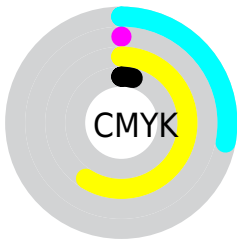
Blue (40%)



Red (40%)

Yellow (96%)

Blue (67%)

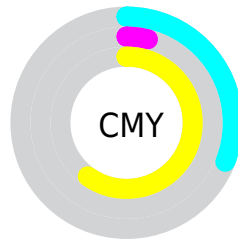


Cyan (28%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289853030 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 4289853030 by changing the saturation by 10% instead.



 4289853030

 4289853030

4294967295

 4287945034

 4293722013

 4286102830

 4294967225

 4284260869

 4294967254

 4282353408

 4294967283

 4280249600

 4278211584

 4278205440

 4278200320

 4278190080

■ 4289853030

■ 4289853030

■ 4289066573

■ 4290639487

■ 4288280117

■ 4291425943

■ 4287559196

■ 4292146864

■ 4286772740

■ 4292933320

■ 4286641664

■ 4293719777

■ 4294506234

■ 4294964991

# Harmonies

## Analogous

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



4294763335



4289853030



4281532324

# Triad

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



4289853030



4278254079



4294942935

# Complementary

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



4289853030



4289423094

# 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.



4294946303



4289853030



4284933887

# Square

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



4289853030



4278255615



4294494719



4294946450

# Rectangle

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



4289853030



4278255573



4294494719



4294943472

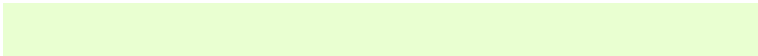


# Sweetspot

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



4289853030



4293525457



4294355302



4285694051



4278190080



4286611584



# Same Dimension

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



4289853030



4289331021



4285265510



4285889134



4284594688



4280236800



# Inverse Universe

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



4289423094



4288826879



4294010614



4285820538



4284022970

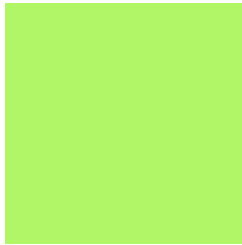


4280025147



# Previews

## White Background



This preview shows how the Android color 4289853030 looks on a white background.

## Color Contrast Check

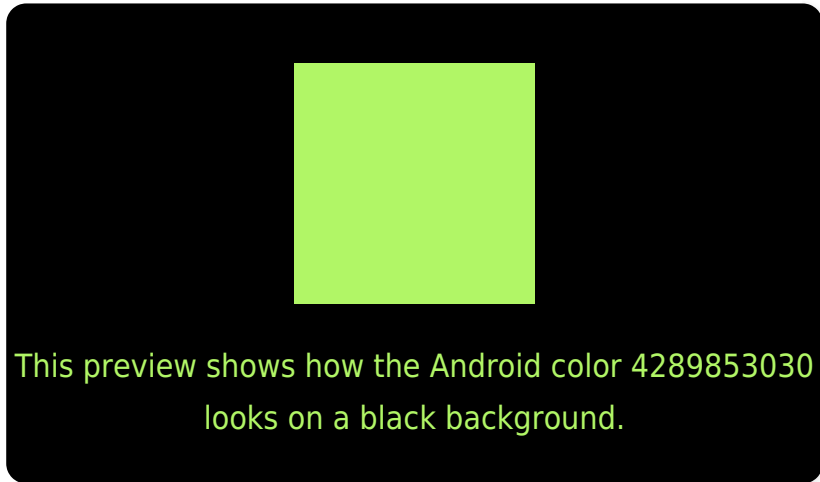
Large Text (above 18pt) WCAG AA × Fail

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 4289853030 Background



This preview shows how black text looks on a background with the Android color 4289853030.



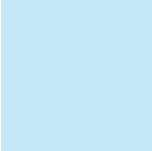
This preview shows how white text looks on a background with the Android color 4289853030.

# 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



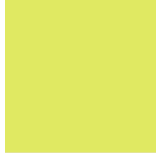


**Tritanopia**  
4291160057

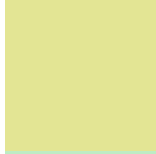
# Trichromacy



**Original Color**  
4289853030



**Protanomaly**  
4292929890

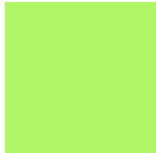


**Deuteranomaly**  
4293125524

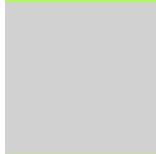


**Tritanomaly**  
4290702532

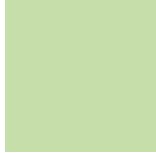
# Monochromacy



**Original Color**  
4289853030



**Achromatopsia**  
4291940817



**Achromatomaly**  
4291157674

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289853030 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(177, 246, 102)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 102)  
}
```

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(177, 246, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 102) }
```

## Border

The CSS property to change the border of an element to Android 4289853030 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(177, 246, 102) }
```

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

```
.border{ border-color:rgb(177, 246, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 246, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 246, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 246, 102); box-shadow:4px 4px 4px 4px rgb(177, 246, 102) }
```

# Background

The CSS property to change the background color of an element to Android 4289853030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 102) }
```

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

```
.background{ background-color: rgb(177,  
246, 102) }
```

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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