

# Converting Colors

Android(4289848908)

Have a look what the booklet for  
Android(4289848908) contains.

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# **Color**

**Android(4289848908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E64C
RGB	177, 230, 76
RGB Percent	69%, 90%, 30%
CMY	0.3059, 0.0980, 0.7020
CMYK	0.23, 0.00, 0.67, 0.10
HSL	81°, 75%, 60%
HSV	81°, 67%, 90%
XYZ	47.7328, 66.4625, 17.1502
YIQ	196.5970, 17.8460, -59.1300

# Conversions

## Conversions Part 2

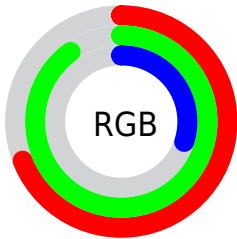
Format	Color
<a href="#">RYB</a>	<a href="#">76, 230, 129</a>
Decimal	<a href="#">11658828</a>
CIELab	<a href="#">85.23, -38.91, 66.53</a>
CIElCh	<a href="#">85, 77.071, 120.324</a>
Yxy	<a href="#">66.4625, 0.3634, 0.5060</a>
Android (android.graphics.Color)	<a href="#">4289848908 (0xFFB1E64C)</a>
YUV	<a href="#">196.5970, -59.4543, -17.1866</a>
Hunter-Lab	<a href="#">81.5246, -38.1559, 44.5944</a>

# Details

The Android color **4289848908** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **4286663910**, and the grayscale version is **4291151301**.

A 20% lighter version of the original color is **4293721988**, and **4286098944** is the 20% darker color. If you saturate the color by 10%, you get **4289324597**, and if you desaturate by 10%, it is **4290373219**.

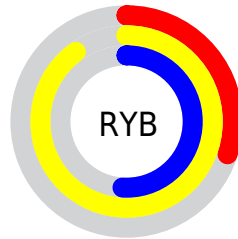
# Distribution



Red (69%)

Green (90%)

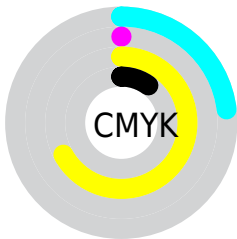
Blue (30%)



Red (30%)

Yellow (90%)

Blue (51%)

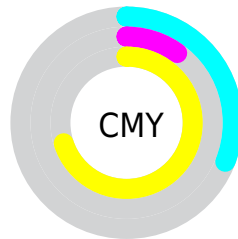


Cyan (23%)

Magenta (0%)

Yellow (67%)

Black (10%)



Cyan (31%)

Magenta (10%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289848908 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 4289848908 by changing the saturation by 10% instead.





4289848908



4289848908

4294967295



4287941166



4293721988



4286098944



4294967200



4284257024



4294967229



4282415360



4294967258



4280442880



4294967287



4278208512



4278202624



4278196992



4278190080

■ 4289848908

■ 4289848908

■ 4289324597

■ 4290373219

■ 4288800286

■ 4290897530

■ 4288275975

■ 4291421841

■ 4288144896

■ 4291946152

■ 4292470463

■ 4292929238

■ 4293453549

■ 4293977855

■ 4294502143

# Harmonies

## Analogous

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



4294627891



4289848908



4282315401

# Triad

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



4289848908



4278251519



4294938839

# Complementary

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



4289848908



4286663910

# 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.



4294943487



4289848908



4278246911

# Square

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



4289848908



4278253567



4292264447



4294941328

# Rectangle

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



4289848908



4278253242



4292264447



4294939632

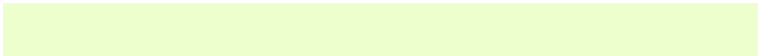


# Sweetspot

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



4289848908



4293787596



4293295948



4285890657



4278190080



4286611584



# Same Dimension

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



4289848908



4290379571



4284933708



4285494119



4285903616



4280365824



# Inverse Universe

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



4286663910



4286133247



4291579110



4285228915



4282187955



4279369779



# Previews

## White Background



This preview shows how the Android color 4289848908 looks on a white background.

## Color Contrast Check

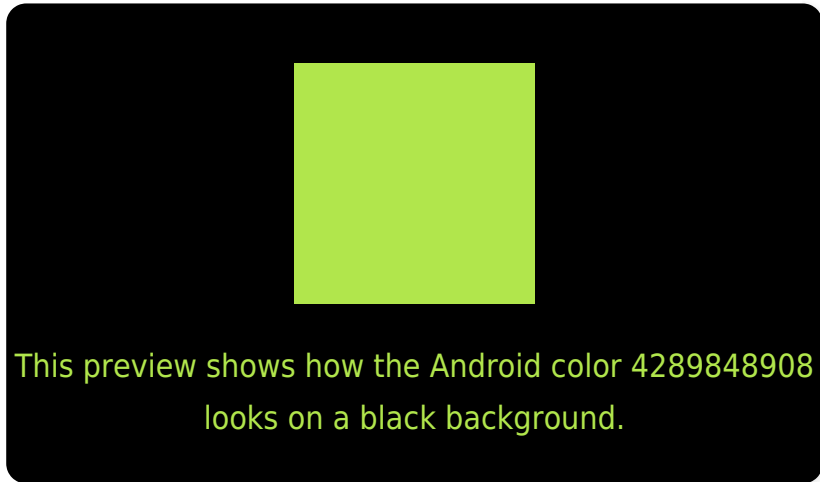
Large Text (above 18pt) WCAG AA × Fail

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 4289848908 Background



This preview shows how black text looks on a background with the Android color 4289848908.



This preview shows how white text looks on a background with the Android color 4289848908.

# 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**  
4289848908



**Protanomaly**  
4292336457



**Deuteranomaly**  
4293121386

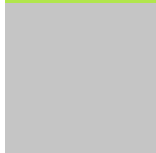


**Tritanomaly**  
4290632879

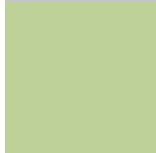
# Monochromacy



**Original Color**  
4289848908



**Achromatopsia**  
4291151301



**Achromatomaly**  
4290695577

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289848908 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, 230, 76)` looks like.

```
.text, #text, p{  
    color:rgb(177, 230, 76)  
}
```

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, 230, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 230, 76) }
```

## Border

The CSS property to change the border of an element to Android 4289848908 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, 230, 76) }
```

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

```
.border{ border-color:rgb(177, 230, 76) }
```

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

Here you see how a box with a 4 pixel rgb(177, 230, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 230, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 230, 76);  
box-shadow:4px 4px 4px 4px rgb(177, 230,  
76) }
```

# Background

The CSS property to change the background color of an element to Android 4289848908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 230, 76) }
```

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

```
.background{ background-color: rgb(177,  
230, 76) }
```

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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