

# Converting Colors

Android(4288599856)

Have a look what the booklet for  
Android(4288599856) contains.

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# **Color**

**Android(4288599856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED730
RGB	158, 215, 48
RGB Percent	62%, 84%, 19%
CMY	0.3804, 0.1569, 0.8118
CMYK	0.27, 0.00, 0.78, 0.16
HSL	80°, 68%, 52%
HSV	80°, 78%, 84%
XYZ	38.9345, 56.0834, 11.5694
YIQ	178.9190, 19.6350, -64.0210

# Conversions

## Conversions Part 2

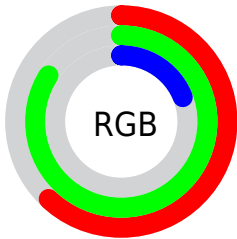
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 215, 105
Decimal	10409776
CIELab	79.66, -41.00, 70.20
CIELCh	80, 81.298, 120.282
Yxy	56.0834, 0.3653, 0.5262
Android (android.graphics.Color)	4288599856 (0xFF9ED730)
YUV	178.9190, -64.5431, -18.3460
Hunter-Lab	74.8888, -38.2538, 43.2626

# Details

The Android color **4288599856** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4285083863**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4292411244**, and **4284850176** is the 20% darker color. If you saturate the color by 10%, you get **4288141083**, and if you desaturate by 10%, it is **4289058630**.

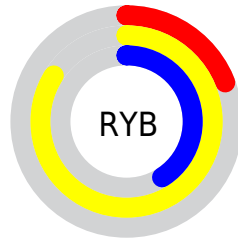
# Distribution



Red (62%)

Green (84%)

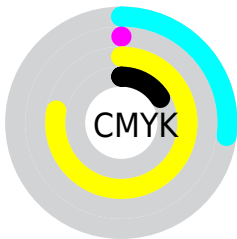
Blue (19%)



Red (19%)

Yellow (84%)

Blue (41%)

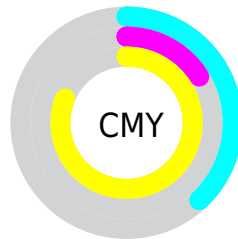


Cyan (27%)

Magenta (0%)

Yellow (78%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288599856 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 4288599856 by changing the saturation by 10% instead.





4288599856



4288599856

4294967295



4286692096



4292411244



4284850176



4294377352



4282942720



4294967204



4281035776



4294967233



4278211328



4294967262



4278205184

4294967292



4278200064



4278190080



4288599856



4288599856

■ 4288141083

■ 4289058630

■ 4287616773

■ 4289582939

■ 4287551232

■ 4290041713

■ 4290500486

■ 4291024796

■ 4291483569

■ 4291942343

■ 4292466652

■ 4292925426

# Harmonies

## Analogous

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



4293575168



4288599856



4278248310

# Triad

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



4288599856



4278247679



4294932936

# Complementary

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



4288599856



4285083863

# 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.



4294938367



4288599856



4278243071

# Square

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



4288599856



4278249727



4291080703



4294935934

# Rectangle

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



4288599856



4278249385



4291080703



4294933985

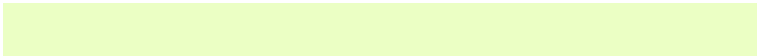


# Sweetspot

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



4288599856



4293656516



4292306992



4285759580



4278190080



4286611584



# Same Dimension

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



4288599856



4289658642



4283225904



4284967776



4285639424



4280101632



# Inverse Universe

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



4285083863



4284683007



4290457815



4284768363



4281991339



4279173163



# Previews

## White Background



This preview shows how the Android color 4288599856 looks on a white background.

## Color Contrast Check

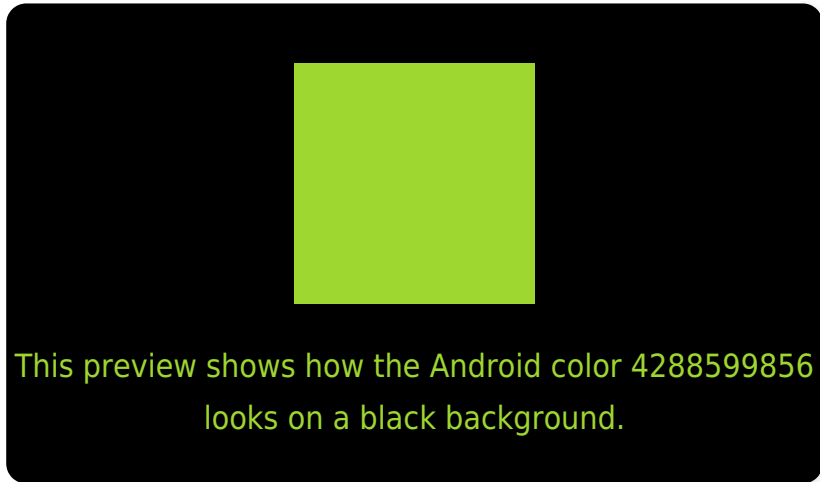
Large Text (above 18pt) WCAG AA × Fail

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 4288599856 Background



This preview shows how black text looks on a background with the Android color 4288599856.



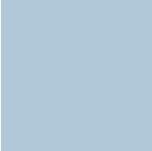
This preview shows how white text looks on a background with the Android color 4288599856.

# 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**  
4289841368

# Trichromacy



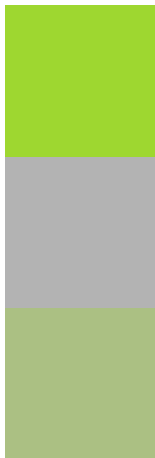
**Original Color**  
4288599856

**Protanomaly**  
4291218477

**Deuteranomaly**  
4292265272

**Tritanomaly**  
4289383835

# Monochromacy



**Original Color**  
4288599856

**Achromatopsia**  
4289967027

**Achromatomaly**  
4289446019

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288599856 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(158, 215, 48)` looks like.

```
.text, #text, p{  
    color:rgb(158, 215, 48)  
}
```

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(158, 215, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 215, 48) }
```

## Border

The CSS property to change the border of an element to Android 4288599856 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(158, 215, 48) }
```

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

```
.border{ border-color:rgb(158, 215, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 215, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 215, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 215, 48);  
box-shadow:4px 4px 4px 4px rgb(158, 215,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4288599856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 215, 48) }
```

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

```
.background{ background-color: rgb(158,  
215, 48) }
```

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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