

# Converting Colors

Android(4287224102)

Have a look what the booklet for  
Android(4287224102) contains.

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# **Color**

**Android(4287224102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89D926
RGB	137, 217, 38
RGB Percent	54%, 85%, 15%
CMY	0.4627, 0.1490, 0.8510
CMYK	0.37, 0.00, 0.82, 0.15
HSL	87°, 70%, 50%
HSV	87°, 82%, 85%
XYZ	35.4792, 55.0840, 10.5961
YIQ	172.6740, 9.7790, -72.6290

# Conversions

## Conversions Part 2

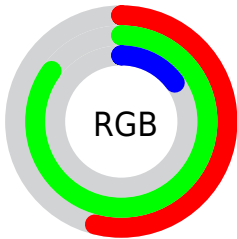
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 217, 118
Decimal	9034022
CIELab	79.09, -49.86, 71.95
CIELCh	79, 87.540, 124.719
Yxy	55.0840, 0.3507, 0.5445
Android (android.graphics.Color)	4287224102 (0xFF89D926)
YUV	172.6740, -66.3943, -31.2861
Hunter-Lab	74.2186, -44.5530, 43.4883

# Details

The Android color `4287224102` is a dark color, and the websafe version is hex `66CC00`. The color can be described as dark washed chartreuse. A complement of this color would be `4285933273`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4291100517`, and `4283343104` is the 20% darker color. If you saturate the color by 10%, you get `4286568720`, and if you desaturate by 10%, it is `4287879484`.

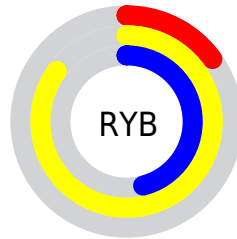
# Distribution



Red (54%)

Green (85%)

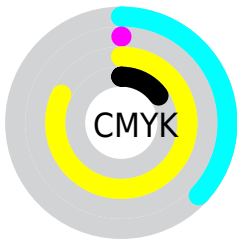
Blue (15%)



Red (15%)

Yellow (85%)

Blue (46%)

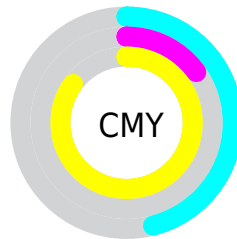


Cyan (37%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (46%)

Magenta (15%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287224102 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 4287224102 by changing the saturation by 10% instead.





4287224102



4287224102

4294967295



4285316352



4291100517



4283343104



4293066625



4281173760



4294967198



4278217984



4294967227



4278211584



4294967256



4278205184



4294967286



4278199808



4278190080



4287224102



4287224102

■ 4286568720

■ 4287879484

■ 4286109952

■ 4288469329

■ 4289124711

■ 4289780093

■ 4290369939

■ 4291025320

■ 4291680702

■ 4292336084

■ 4292925929

# Harmonies

## Analogous

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



4292789248



4287224102



4278248570

# Triad

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



4287224102



4278247167



4294929594

# Complementary

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



4287224102



4285933273

# 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.



4294935039



4287224102



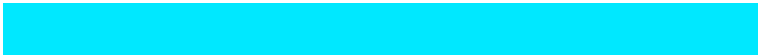
4278242047

# Square

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



4287224102



4278249727



4292126975



4294934636

# Rectangle

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



4287224102



4278249650



4292126975



4294930134

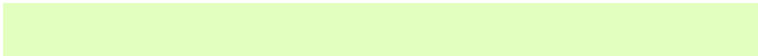


# Sweetspot

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



4287224102



4293132223



4292441126



4285431897



4278190080



4286611584



# Same Dimension

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



4287224102



4287561475



4281522470



4285099619



4284525824



4279840256



# Inverse Universe

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



4285933273



4285727743



4291634905



4285031278



4283236525



4279566382



# Previews

## White Background



This preview shows how the Android color 4287224102 looks on a white background.

## Color Contrast Check

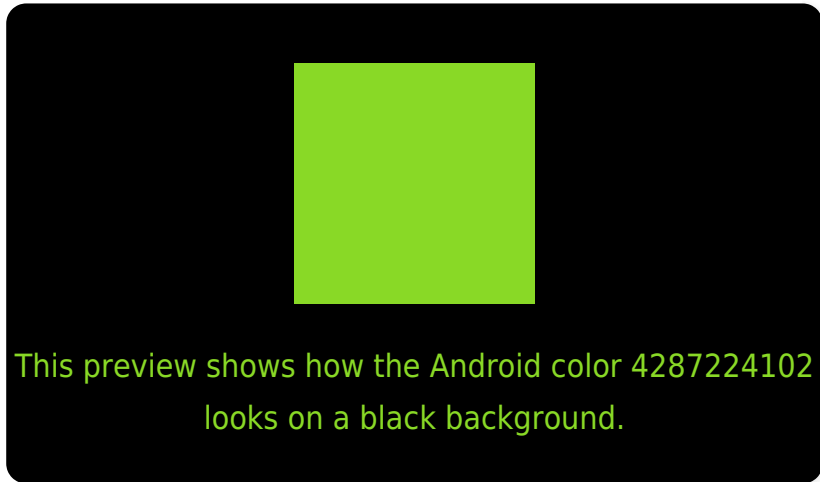
Large Text (above 18pt) WCAG AA × Fail

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 4287224102 Background



This preview shows how black text looks on a background with the Android color 4287224102.



This preview shows how white text looks on a background with the Android color 4287224102.

# 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**  
4287224102

**Protanopia**  
4292592416

**Deuteranopia**  
4294228280



**Tritanopia**  
4288727770

# Trichromacy



**Original Color**

4287224102



**Protanomaly**

4290628386



**Deuteranomaly**

4291675441



**Tritanomaly**

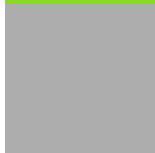
4288204697

# Monochromacy



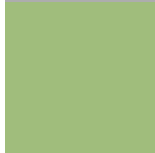
**Original Color**

4287224102



**Achromatopsia**

4289572269



**Achromatomaly**

4288724348

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287224102 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(137, 217, 38)` looks like.

```
.text, #text, p{  
    color:rgb(137, 217, 38)  
}
```

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(137, 217, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 217, 38) }
```

## Border

The CSS property to change the border of an element to Android 4287224102 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(137, 217, 38) }
```

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

```
.border{ border-color:rgb(137, 217, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 217, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 217, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 217, 38);  
box-shadow:4px 4px 4px 4px rgb(137, 217,  
38) }
```

# Background

The CSS property to change the background color of an element to Android 4287224102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 217, 38) }
```

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

```
.background{ background-color: rgb(137,  
217, 38) }
```

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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