

# Converting Colors

Android(4287419904)

Have a look what the booklet for  
Android(4287419904) contains.

<b>Android(4287419904)</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(4287419904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CD600
RGB	140, 214, 0
RGB Percent	55%, 84%, 0%
CMY	0.4510, 0.1608, 1.0000
CMYK	0.35, 0.00, 1.00, 0.16
HSL	81°, 100%, 42%
HSV	81°, 100%, 84%
XYZ	34.8618, 53.6686, 8.5217
YIQ	167.4780, 24.5900, -82.2420

# Conversions

## Conversions Part 2

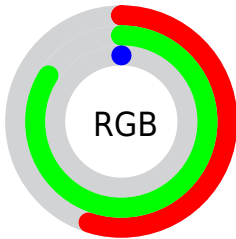
Format	Color
<a href="#">RYB</a>	<a href="#">0, 214, 74</a>
Decimal	<a href="#">9229824</a>
CIELab	<a href="#">78.27, -48.42, 76.98</a>
CIELCh	<a href="#">78, 90.942, 122.168</a>
Yxy	<a href="#">53.6686, 0.3592, 0.5530</a>
Android (android.graphics.Color)	<a href="#">4287419904</a> ( <a href="#">0xFF8CD600</a> )
YUV	<a href="#">167.4780, -82.5667, -24.0982</a>
Hunter-Lab	<a href="#">73.2588, -43.2599, 44.3844</a>

# Details

The Android color `4287419904` is a dark color, and the websafe version is hex `99CC00`. The color can be described as dark washed chartreuse. A complement of this color would be `4283039958`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4291297109`, and `4283539200` is the 20% darker color. If you saturate the color by 10%, you get `4287419904`, and if you desaturate by 10%, it is `4287878677`.

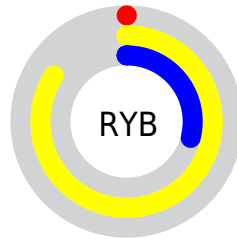
# Distribution



Red (55%)

Green (84%)

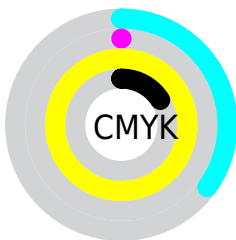
Blue (0%)



Red (0%)

Yellow (84%)

Blue (29%)

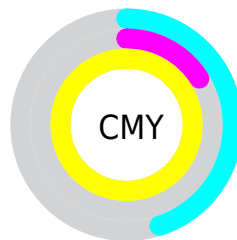


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287419904 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 4287419904 by changing the saturation by 10% instead.



 4287419904

 4287419904

4294967295

 4285512192

 4291297109

 4283539200

 4293263219

 4281435136

 4294967184

 4278217216

 4294967213

 4278210816

 4294967242

 4278204672

 4294967272

 4278199040

 4278190080

 4287419904

 4287878677

 4288402987

 4288861760

 4289386070

 4289844843

 4290303616

 4290827926

 4291286699

 4291811009

# Harmonies

## Analogous

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



4293050368



4287419904



4278248045

# Triad

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



4287419904



4278247167



4294927295

# Complementary

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



4287419904



4283039958

# 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.



4294934015



4287419904



4278242047

# Square

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



4287419904



4278249471



4291143935



4294932333

# Rectangle

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



4287419904



4278249128



4291143935



4294928348

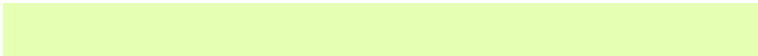


# Sweetspot

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



4287419904



4293263283



4292232960



4285562962



4278190080



4286611584



# Same Dimension

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



4287419904



4289199872



4280604160



4284967776



4285573888



4280036096



# Inverse Universe

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



4283039958



4283957503



4289855702



4284768363



4282056875



4279173163



# Previews

## White Background



This preview shows how the Android color 4287419904 looks on a white background.

## Color Contrast Check

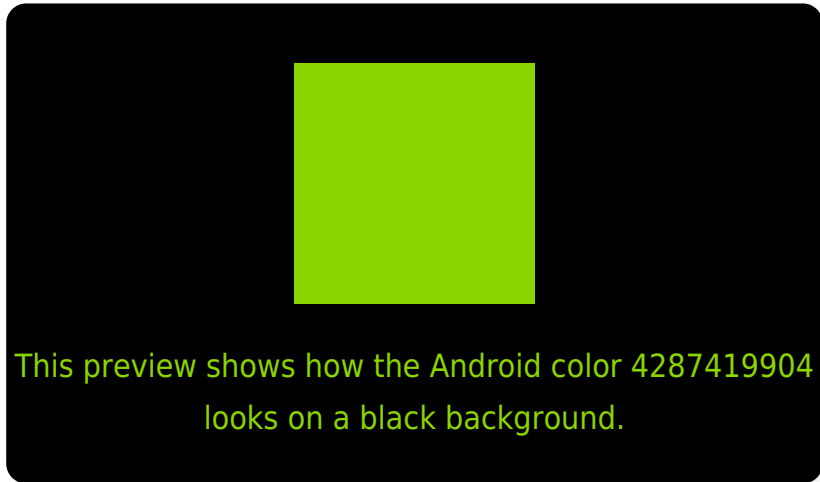
Large Text (above 18pt) WCAG AA × Fail

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 4287419904 Background



This preview shows how black text looks on a background with the Android color 4287419904.



This preview shows how white text looks on a background with the Android color 4287419904.

# 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**  
4287419904

**Protanomaly**  
4290627840

**Deuteranomaly**  
4291740186

**Tritanomaly**  
4288334985

# Monochromacy



**Original Color**  
4287419904

**Achromatopsia**  
4289177511

**Achromatomaly**  
4288526442

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287419904 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(140, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 214, 0)  
}
```

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(140, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 214, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287419904 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(140, 214, 0) }
```

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

```
.border{ border-color:rgb(140, 214, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 214, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 214,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4287419904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 214, 0) }
```

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

```
.background{ background-color: rgb(140,  
214, 0) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor