

Converting Colors

Android(4286308919)

Have a look what the booklet for
Android(4286308919) contains.

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Color

Android(4286308919)

Conversions

Conversions Part 1

Format	Color
Hex	7BE237
RGB	123, 226, 55
RGB Percent	48%, 89%, 22%
CMY	0.5176, 0.1137, 0.7843
CMYK	0.46, 0.00, 0.76, 0.11
HSL	96°, 75%, 55%
HSV	96°, 76%, 89%
XYZ	36.0543, 58.8795, 13.0791
YIQ	175.7090, -6.4970, -75.0170

Conversions

Conversions Part 2

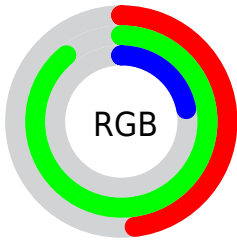
Format	Color
RYB	55, 226, 158
Decimal	8118839
CIELab	81.23, -57.13, 68.95
CIELCh	81, 89.541, 129.644
Yxy	58.8795, 0.3338, 0.5451
Android (android.graphics.Color)	4286308919 (0xFF7BE237)
YUV	175.7090, -59.5095, -46.2258
Hunter-Lab	76.7330, -50.4114, 43.6072

Details

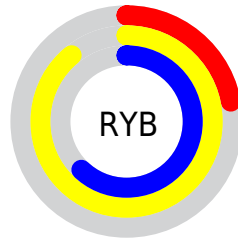
The Android color **4286308919** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4288559074**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4290248562**, and **4282165760** is the 20% darker color. If you saturate the color by 10%, you get **4285391392**, and if you desaturate by 10%, it is **4287226446**.

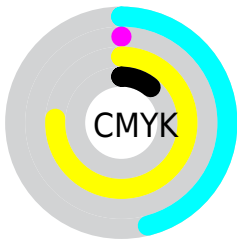
Distribution



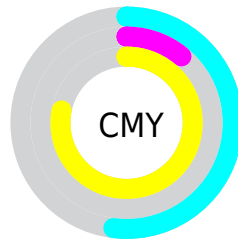
- Red (48%)
- Green (89%)
- Blue (22%)



- Red (22%)
- Yellow (89%)
- Blue (62%)



- Cyan (46%)
- Magenta (0%)
- Yellow (76%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286308919 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 4286308919 by changing the saturation by 10% instead.



4286308919



4286308919

4294967295



4284335631



4290248562



4282165760



4292214670



4279078656



4294180779



4278219776



4294967239



4278213376



4294967269



4278206976



4278201088



4278192128



4278190080

■ 4286308919

■ 4286308919

■ 4285391392

■ 4287226446

■ 4284539402

■ 4288078436

■ 4284146176

■ 4288995963

■ 4289847953

■ 4290765480

■ 4291683007

■ 4292534997

■ 4293452524

■ 4294370047

Harmonies

Analogous

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



4292398848



4286308919



4278250636

Triad

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



4286308919



4278248191



4294930610

Complementary

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



4286308919



4288559074

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.



4294934527



4286308919



4278242303

Square

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



4286308919



4278251263



4293830399



4294937186

Rectangle

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



4286308919



4278251462



4293830399



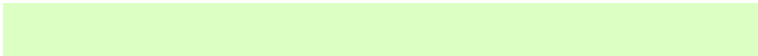
4294930638

Sweetspot

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



4286308919



4292673476



4293041719



4285169756



4278190080



4286611584

Same Dimension

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



4286308919



4285792023



4281852488



4285100133



4282822656



4279447552

Inverse Universe

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



4288559074



4288878591



4293015505



4285293936



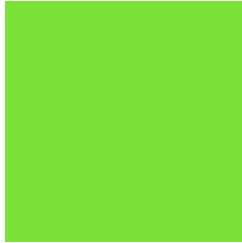
4285137072



4280090672

Previews

White Background



This preview shows how the Android color 4286308919 looks on a white background.

Color Contrast Check

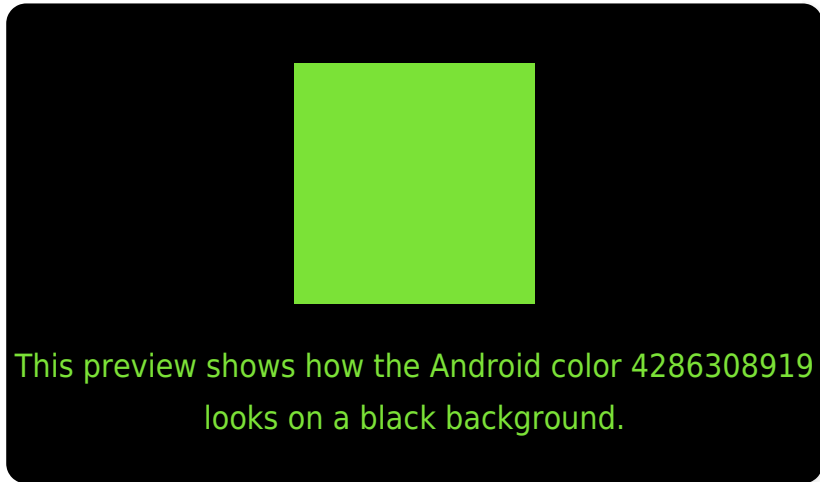
Large Text (above 18pt) WCAG AA × Fail

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 4286308919 Background



This preview shows how black text looks on a background with the Android color 4286308919.

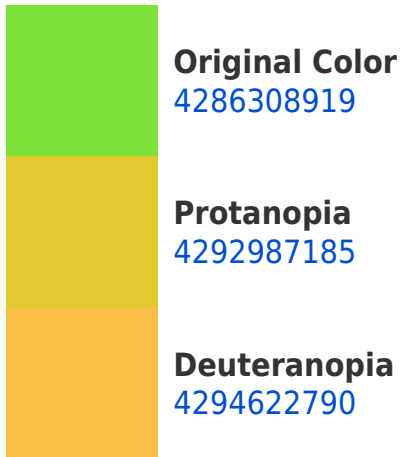


This preview shows how white text looks on a background with the Android color 4286308919.

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
4286308919



Protanomaly
4290564659



Deuteranomaly
4291611457

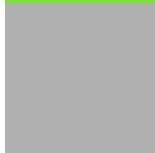


Tritanomaly
4287420581

Monochromacy



Original Color
4286308919



Achromatopsia
4289769648



Achromatomaly
4288529028

CSS Examples

Text

The CSS property to change the color of the text to Android 4286308919 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(123, 226, 55)` looks like.

```
.text, #text, p{  
    color:rgb(123, 226, 55)  
}
```

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(123, 226, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 226, 55) }
```

Border

The CSS property to change the border of an element to Android 4286308919 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(123, 226, 55) }
```

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

```
.border{ border-color:rgb(123, 226, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 226, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 226, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 226, 55);  
box-shadow:4px 4px 4px 4px rgb(123, 226,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4286308919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 226, 55) }
```

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

```
.background{ background-color: rgb(123,  
226, 55) }
```

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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