

Converting Colors

Android(4289720899)

Have a look what the booklet for
Android(4289720899) contains.

Android(4289720899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4289720899)

Conversions

Conversions Part 1

Format	Color
Hex	AFF243
RGB	175, 242, 67
RGB Percent	69%, 95%, 26%
CMY	0.3137, 0.0510, 0.7373
CMYK	0.28, 0.00, 0.72, 0.05
HSL	83°, 87%, 61%
HSV	83°, 72%, 95%
XYZ	50.4444, 73.0235, 16.7464
YIQ	202.0170, 16.2430, -68.6290

Conversions

Conversions Part 2

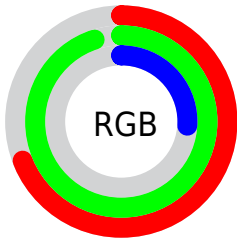
Format	Color
RYB	67, 242, 134
Decimal	11530819
CIELab	88.46, -45.43, 72.95
CIELCh	88, 85.938, 121.917
Yxy	73.0235, 0.3598, 0.5208
Android (android.graphics.Color)	4289720899 (0xFFAFF243)
YUV	202.0170, -66.5634, -23.6939
Hunter-Lab	85.4538, -44.1733, 48.1985

Details

The Android color **4289720899** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **4286989298**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4293590910**, and **4285905152** is the 20% darker color. If you saturate the color by 10%, you get **4289131051**, and if you desaturate by 10%, it is **4290310747**.

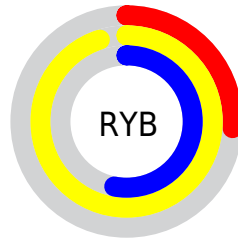
Distribution



Red (69%)

Green (95%)

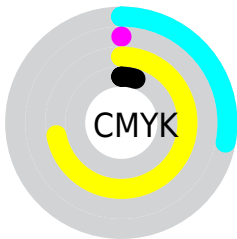
Blue (26%)



Red (26%)

Yellow (95%)

Blue (53%)

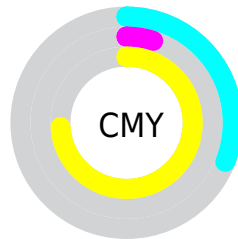


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (5%)



Cyan (31%)

Magenta (5%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289720899 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 4289720899 by changing the saturation by 10% instead.



4289720899



4289720899

4294967295



4287812896



4293590910



4285905152



4294967194



4283997696



4294967223



4282024960



4294967252



4279659008



4294967282



4278210816



4278204672



4278199296



4278190080

■ 4289720899

■ 4289720899

■ 4289131051

■ 4290310747

■ 4288475667

■ 4290966131

■ 4288016896

■ 4291555980

■ 4292145828

■ 4292735676

■ 4293391060

■ 4293980908

■ 4294570751

■ 4294963967

Harmonies

Analogous

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



4294958104



4289720899



4278255501

Triad

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



4289720899



4278254335



4294938076

Complementary

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



4289720899



4286989298

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.



4294943231



4289720899



4278249215

Square

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



4289720899



4278255615



4293183231



4294941580

Rectangle

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



4289720899



4278255556



4293183231



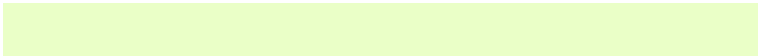
4294938872

Sweetspot

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



4289720899



4293590983



4294083395



4285759582



4278190080



4286611584

Same Dimension

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



4289720899



4289396513



4284150339



4285757548



4285642752



4280498176

Inverse Universe

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



4286989298



4285932031



4292559858



4285557880



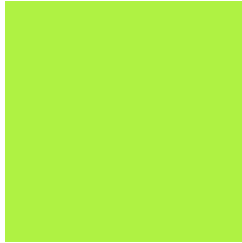
4282777784



4279566392

Previews

White Background



This preview shows how the Android color 4289720899 looks on a white background.

Color Contrast Check

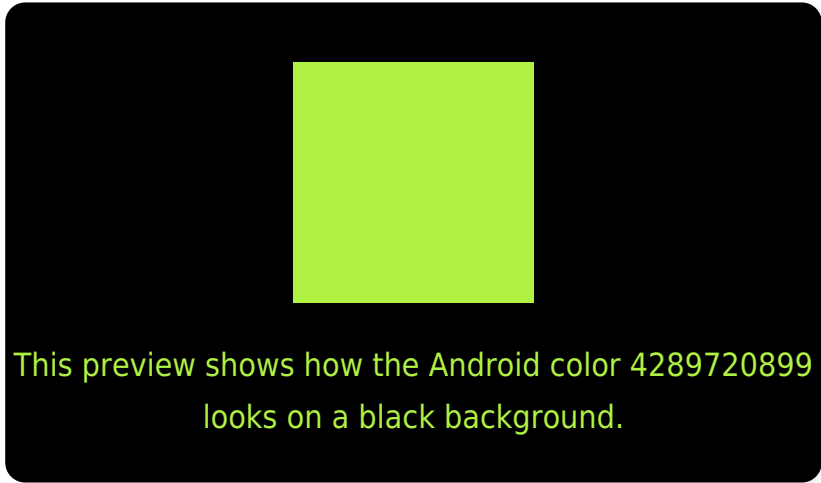
Large Text (above 18pt) WCAG AA × Fail

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 4289720899 Background



This preview shows how black text looks on a background with the Android color 4289720899.

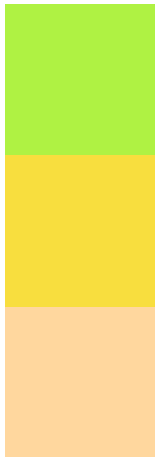


This preview shows how white text looks on a background with the Android color 4289720899.

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
4289720899

Protanopia
4294499902

Deuteranopia
4294956958

Trichromacy



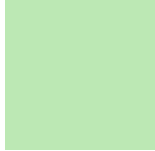
Original Color
4289720899



Protanomaly
4292732224



Deuteranomaly
4293058941

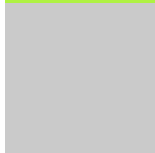


Tritanomaly
4290570420

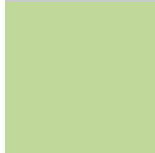
Monochromacy



Original Color
4289720899



Achromatopsia
4291480266



Achromatomaly
4290828697

CSS Examples

Text

The CSS property to change the color of the text to Android 4289720899 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(175, 242, 67)` looks like.

```
.text, #text, p{  
    color:rgb(175, 242, 67)  
}
```

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(175, 242, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 67) }
```

Border

The CSS property to change the border of an element to Android 4289720899 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(175, 242, 67) }
```

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

```
.border{ border-color:rgb(175, 242, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 242, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 242, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 242, 67);  
box-shadow:4px 4px 4px 4px rgb(175, 242,  
67) }
```

Background

The CSS property to change the background color of an element to Android 4289720899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 242, 67) }
```

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

```
.background{ background-color: rgb(175,  
242, 67) }
```

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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