

Converting Colors

Android(4289724309)

Have a look what the booklet for
Android(4289724309) contains.

| | |
|--|----|
| Android(4289724309) | 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(4289724309)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AFFF95 |
| RGB | 175, 255, 149 |
| RGB Percent | 69%, 100%, 58% |
| CMY | 0.3137, 0.0000, 0.4157 |
| CMYK | 0.31, 0.00, 0.42, 0.00 |
| HSL | 105°, 100%, 79% |
| HSV | 105°, 42%, 100% |
| XYZ | 58.8640, 82.8039, 41.3141 |
| YIQ | 218.9960, -13.6540, -49.9260 |

Conversions

Conversions Part 2

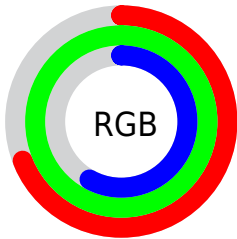
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 149, 255, 229 |
| Decimal | 11534229 |
| CIELab | 92.93, -43.33, 43.02 |
| CIElCh | 93, 61.053, 135.205 |
| Yxy | 82.8039, 0.3217, 0.4525 |
| Android (android.graphics.Color) | 4289724309 (0xFFAFF95) |
| YUV | 218.9960, -34.5080, -38.5845 |
| Hunter-Lab | 90.9966, -43.7758, 36.7790 |

Details

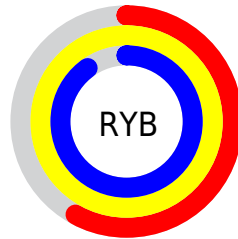
The Android color `4289724309` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293236223`, and the grayscale version is `4292598747`.

A 20% lighter version of the original color is `4293525452`, and `4286039648` is the 20% darker color. If you saturate the color by 10%, you get `4288479100`, and if you desaturate by 10%, it is `4290969519`.

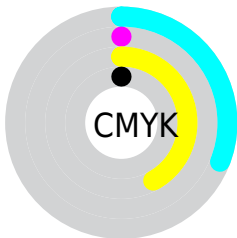
Distribution



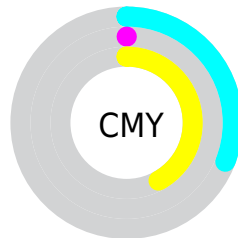
- Red (69%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289724309 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 4289724309 by changing the saturation by 10% instead.

 4289724309

 4289724309

4294967295

 4287881850

 4293525452

 4286039648

 4294967273

 4284262983

 4282421038

 4280382738

 4278213632

 4278207232

 4278201600

 4278194688

 4289724309

 4289724309

 4288479100

 4290969519

 4287233890

 4292214728

 4285923145

 4293525474

 4284677935

 4294770683

 4283432726

4294967295

 4282384128

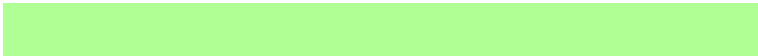
Harmonies

Analogous

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



4294046069



4289724309



4283629515

Triad

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



4289724309



4280023551



4294949839

Complementary

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



4289724309



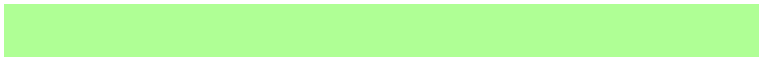
4293236223

Split Complementary

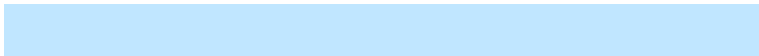
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294950655



4289724309



4290832127

Square

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



4289724309



4278255615



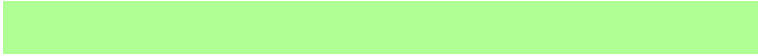
4294955263



4294953114

Rectangle

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



4289724309



4278255603



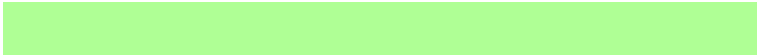
4294955263



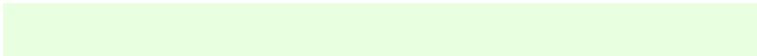
4294949603

Sweetspot

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



4289724309



4293459936



4294960533



4285694062



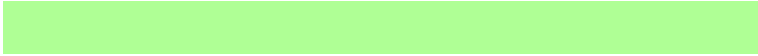
4278190080



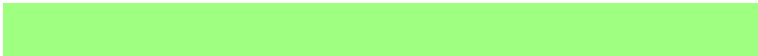
4286611584

Same Dimension

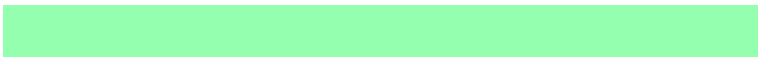
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4289724309



4288675712



4288020400



4285956211



4281319168



4279255040

Inverse Universe

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



4293236223



4292903167



4294940133



4286346112



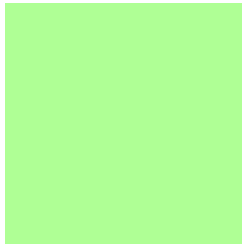
4287627455



4281335872

Previews

White Background



This preview shows how the Android color 4289724309 looks on a white background.

Color Contrast Check

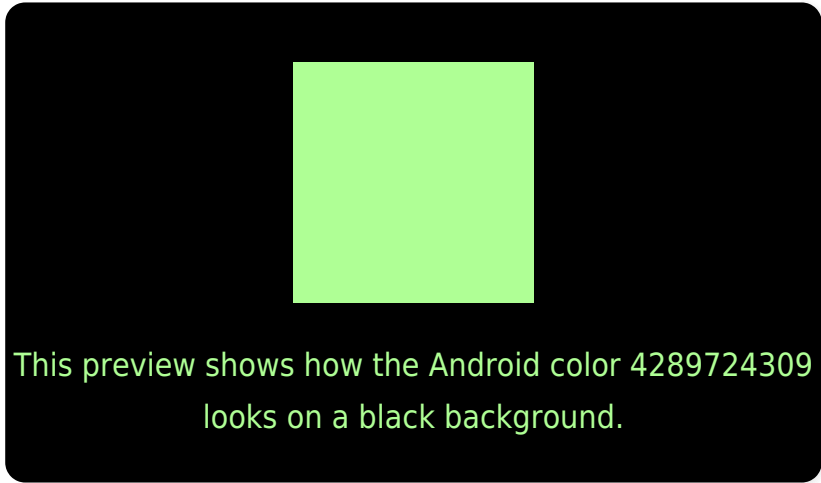
Large Text (above 18pt) WCAG AA × Fail

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 4289724309 Background



This preview shows how black text looks on a background with the Android color 4289724309.



This preview shows how white text looks on a background with the Android color 4289724309.

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



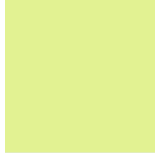


Tritanopia
4291621119

Trichromacy



Original Color
4289724309



Protanomaly
4293063314



Deuteranomaly
4293062329

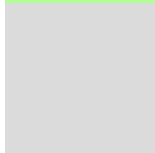


Tritanomaly
4290901464

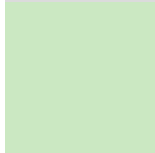
Monochromacy



Original Color
4289724309



Achromatopsia
4292598747



Achromatomaly
4291553474

CSS Examples

Text

The CSS property to change the color of the text to Android 4289724309 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, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 149)  
}
```

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, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 149) }
```

Border

The CSS property to change the border of an element to Android 4289724309 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, 255, 149) }
```

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

```
.border{ border-color:rgb(175, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 255, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 255, 149); box-shadow:4px 4px 4px 4px rgb(175, 255, 149) }
```

Background

The CSS property to change the background color of an element to Android 4289724309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 149) }
```

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

```
.background{ background-color: rgb(175,  
255, 149) }
```

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