

Converting Colors

Android(4289396565)

Have a look what the booklet for
Android(4289396565) contains.

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Color

Android(4289396565)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF55
RGB	170, 255, 85
RGB Percent	67%, 100%, 33%
CMY	0.3333, 0.0000, 0.6667
CMYK	0.33, 0.00, 0.67, 0.00
HSL	90°, 100%, 67%
HSV	90°, 67%, 100%
XYZ	53.9773, 80.7219, 21.3303
YIQ	210.2050, 3.9100, -70.8900

Conversions

Conversions Part 2

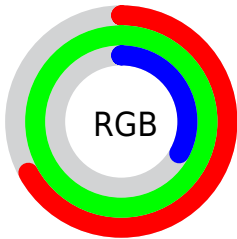
Format	Color
RYB	85, 255, 170
Decimal	11206485
CIELab	92.01, -51.49, 70.06
CIElCh	92, 86.951, 126.314
Yxy	80.7219, 0.3459, 0.5174
Android (android.graphics.Color)	4289396565 (0xFFAAFF55)
YUV	210.2050, -61.7261, -35.2598
Hunter-Lab	89.8454, -49.9903, 48.8156

Details

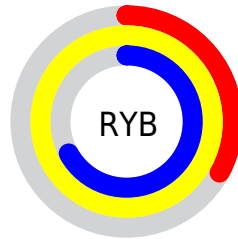
The Android color `4289396565` is a light color, and the websafe version is hex `99FF66`. The color can be described as light muted chartreuse. A complement of this color would be `4289353215`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4293263246`, and `4285515278` is the 20% darker color. If you saturate the color by 10%, you get `4288544571`, and if you desaturate by 10%, it is `4290248558`.

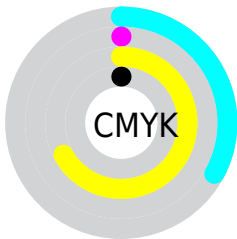
Distribution



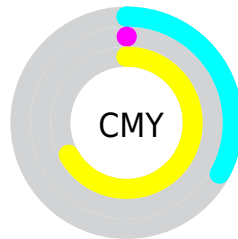
- Red (67%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (67%)



- Cyan (33%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289396565 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 4289396565 by changing the saturation by 10% instead.



4289396565



4289396565

4294967295



4287488567



4293263246



4285515278



4294967211



4283542016



4294967240



4281437952



4294967269



4278220032



4278213376



4278207232



4278201600



4278193408

■ 4289396565

■ 4289396565

■ 4288544571

■ 4290248558

■ 4287758114

■ 4291035016

■ 4286906120

■ 4291887010

■ 4286643968

■ 4292739003

■ 4293590996

■ 4294442990

4294967295

Harmonies

Analogous

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



4294961701



4289396565



4278255521

Triad

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



4289396565



4278255615



4294940378

Complementary

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



4289396565



4289353215

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.



4294944511



4289396565



4281199871

Square

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



4289396565



4278255615



4294953727



4294945162

Rectangle

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



4289396565



4278255579



4294953727



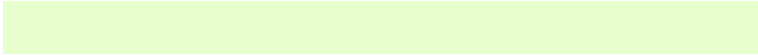
4294940918

Sweetspot

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



4289396565



4293328844



4294945365



4285562977



4278190080



4286611584

Same Dimension

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



4289396565



4288282419



4283826005



4286152819



4284530432



4280303616

Inverse Universe

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



4289353215



4288230399



4294923775



4286149504



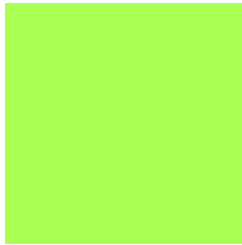
4284481727



4280287296

Previews

White Background



This preview shows how the Android color 4289396565 looks on a white background.

Color Contrast Check

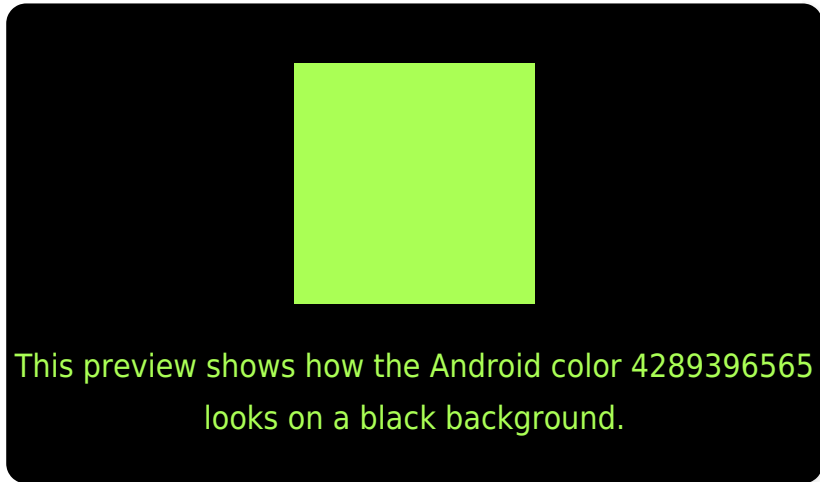
Large Text (above 18pt) WCAG AA × Fail

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 4289396565 Background



This preview shows how black text looks on a background with the Android color 4289396565.

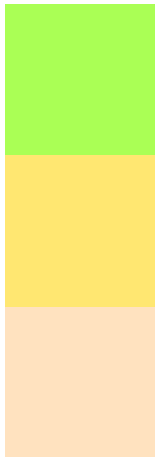


This preview shows how white text looks on a background with the Android color 4289396565.

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](#).

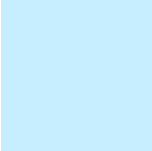
Dichromacy



Original Color
4289396565

Protanopia
4294961009

Deuteranopia
4294959807



Tritanopia
4291227391

Trichromacy



Original Color

4289396565



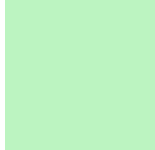
Protanomaly

4292931687



Deuteranomaly

4292930968



Tritanomaly

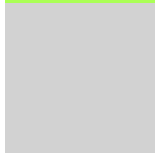
4290573505

Monochromacy



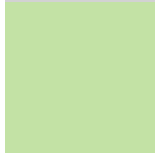
Original Color

4289396565



Achromatopsia

4292006610



Achromatomaly

4291027621

CSS Examples

Text

The CSS property to change the color of the text to Android 4289396565 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(170, 255, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 85)  
}
```

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(170, 255, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 85) }
```

Border

The CSS property to change the border of an element to Android 4289396565 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(170, 255, 85) }
```

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

```
.border{ border-color:rgb(170, 255, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
85) }
```

Background

The CSS property to change the background color of an element to Android 4289396565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 85) }
```

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

```
.background{ background-color: rgb(170,  
255, 85) }
```

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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