

Converting Colors

Android(4291166068)

Have a look what the booklet for
Android(4291166068) contains.

Android(4291166068)	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(4291166068)

Conversions

Conversions Part 1

Format	Color
Hex	C5FF74
RGB	197, 255, 116
RGB Percent	77%, 100%, 45%
CMY	0.2275, 0.0000, 0.5451
CMYK	0.23, 0.00, 0.55, 0.00
HSL	85°, 100%, 73%
HSV	85°, 55%, 100%
XYZ	61.9383, 84.6513, 29.5978
YIQ	221.8120, 10.0510, -55.5250

Conversions

Conversions Part 2

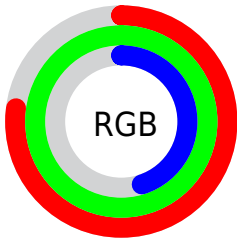
Format	Color
RYB	116, 255, 174
Decimal	12975988
CIELab	93.73, -39.50, 59.64
CIElCh	94, 71.530, 123.517
Yxy	84.6513, 0.3515, 0.4805
Android (android.graphics.Color)	4291166068 (0xFFC5FF74)
YUV	221.8120, -52.1653, -21.7601
Hunter-Lab	92.0061, -40.8449, 45.3310

Details

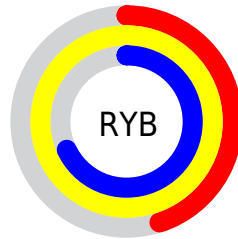
The Android color `4291166068` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289623295`, and the grayscale version is `4292796126`.

A 20% lighter version of the original color is `4294967211`, and `4287415869` is the 20% darker color. If you saturate the color by 10%, you get `4290445146`, and if you desaturate by 10%, it is `4291886990`.

Distribution



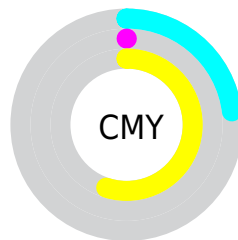
- Red (77%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291166068 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 4291166068 by changing the saturation by 10% instead.

 4291166068

 4291166068

4294967295

 4289258073

 4294967211

 4287415869

 4294967240

 4285573663

 4294967269

 4283731968

 4281890304

 4279917824

 4278207488

 4278201856

 4278195456

■ 4291166068

■ 4291166068

■ 4290445146

■ 4291886990

■ 4289789761

■ 4292542375

■ 4289068839

■ 4293263297

■ 4288347918

■ 4293984218

■ 4288020224

■ 4294639603

4294967295

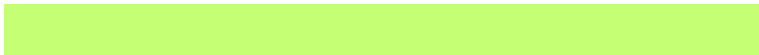
Harmonies

Analogous

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



4294962268



4291166068



4284612525

Triad

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



4291166068



4278255615



4294947048

Complementary

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



4291166068



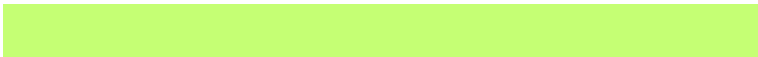
4289623295

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.



4294950399



4291166068



4285919999

Square

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



4291166068



4278255615



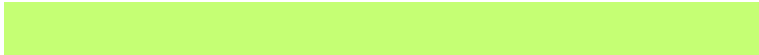
4294760703



4294949541

Rectangle

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



4291166068



4278255579



4294760703



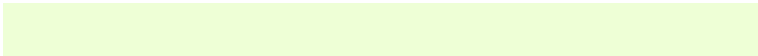
4294947583

Sweetspot

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



4291166068



4293853142



4294946420



4285890663



4278190080



4286611584

Same Dimension

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



4291166068



4290445145



4286644084



4286218355



4285513472



4280631296

Inverse Universe

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



4289623295



4288567807



4294145279



4286083968



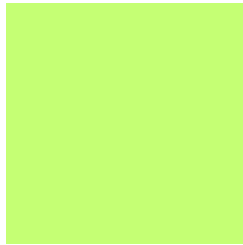
4283433151



4279959616

Previews

White Background



This preview shows how the Android color 4291166068 looks on a white background.

Color Contrast Check

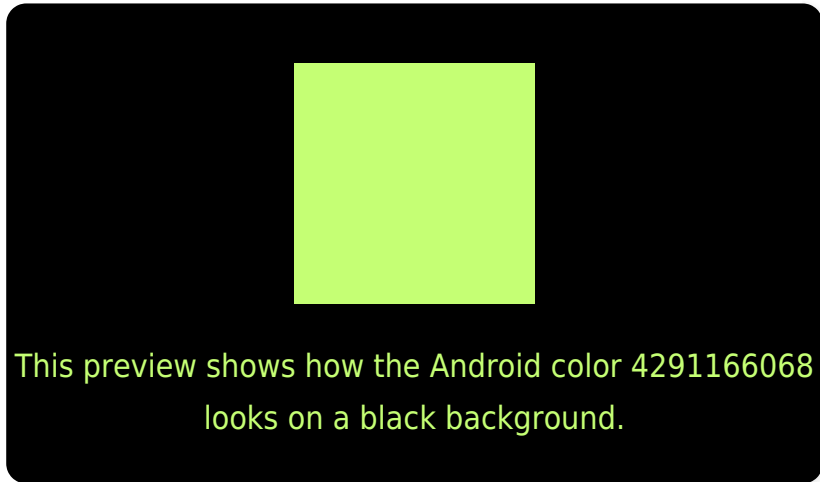
Large Text (above 18pt) WCAG AA × Fail

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

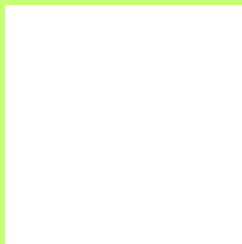
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291166068 Background



This preview shows how black text looks on a background with the Android color 4291166068.

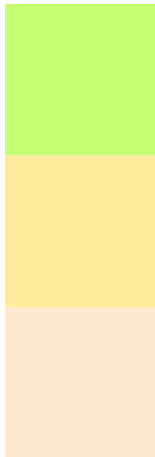


This preview shows how white text looks on a background with the Android color 4291166068.

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

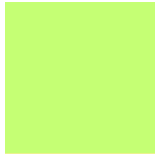


Original Color
4291166068

Protanopia
4294962334

Deuteranopia
4294961616

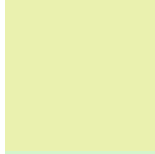
Trichromacy



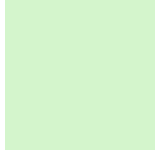
Original Color
4291166068



Protanomaly
4293587855



Deuteranomaly
4293587375

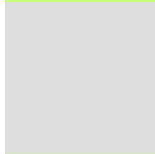


Tritanomaly
4292146636

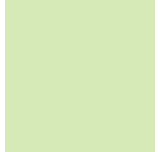
Monochromacy



Original Color
4291166068



Achromatopsia
4292796126



Achromatomaly
4292209335

CSS Examples

Text

The CSS property to change the color of the text to Android 4291166068 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(197, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 116)  
}
```

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(197, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 116) }
```

Border

The CSS property to change the border of an element to Android 4291166068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

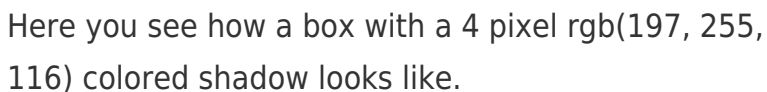
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 116) }
```

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

```
.border{ border-color:rgb(197, 255, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 255, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4291166068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 116) }
```

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

```
.background{ background-color: rgb(197,  
255, 116) }
```

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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