

Converting Colors

Android(4291493766)

Have a look what the booklet for
Android(4291493766) contains.

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Color

Android(4291493766)

Conversions

Conversions Part 1

Format	Color
Hex	CAFF86
RGB	202, 255, 134
RGB Percent	79%, 100%, 53%
CMY	0.2078, 0.0000, 0.4745
CMYK	0.21, 0.00, 0.47, 0.00
HSL	86°, 100%, 76%
HSV	86°, 47%, 100%
XYZ	64.4202, 85.7978, 35.7196
YIQ	225.3590, 7.2530, -48.8670

Conversions

Conversions Part 2

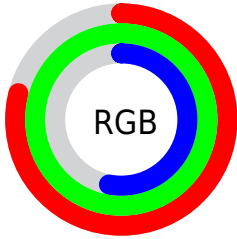
Format	Color
RYB	134, 255, 187
Decimal	13303686
CIELab	94.23, -35.91, 52.11
CIELCh	94, 63.283, 124.572
Yxy	85.7978, 0.3465, 0.4614
Android (android.graphics.Color)	4291493766 (0xFFCAFF86)
YUV	225.3590, -45.0400, -20.4858
Hunter-Lab	92.6271, -37.9544, 41.9751

Details

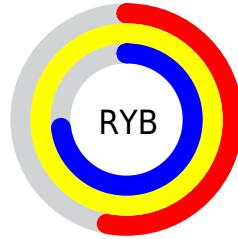
The Android color `4291493766` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4290479871`, and the grayscale version is `4293059298`.

A 20% lighter version of the original color is `4294967229`, and `4287809105` is the 20% darker color. If you saturate the color by 10%, you get `4290772845`, and if you desaturate by 10%, it is `4292214688`.

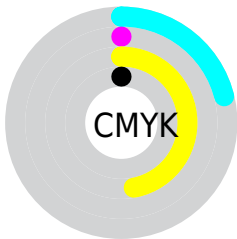
Distribution



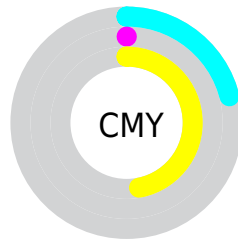
- Red (79%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (73%)



- Cyan (21%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291493766 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 4291493766 by changing the saturation by 10% instead.



4291493766



4291493766

4294967295



4289585771



4294967229



4287809105



4294967258



4285967158



4294967287



4284190745



4282414592



4280573184



4278207744




4278201856



4278195968

 4291493766

 4291493766

 4290772845

 4292214688

 4290051923

 4292935609

 4289265466

 4293722067

 4288544544

 4294442988

 4287823623

4294967295

 4287627008

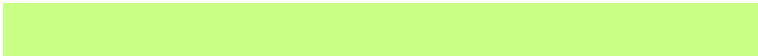
Harmonies

Analogous

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



4294962800



4291493766



4286119864

Triad

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



4291493766



4278255615



4294949863

Complementary

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



4291493766



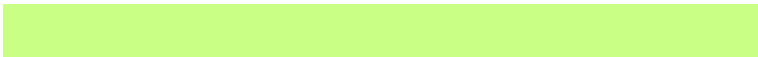
4290479871

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.



4294952447



4291493766



4288148223

Square

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



4291493766



4278255615



4294958079



4294952108

Rectangle

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



4291493766



4278255585



4294958079



4294950140

Sweetspot

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



4291493766



4293918683



4294949510



4285956202



4278190080



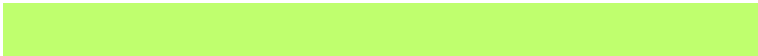
4286611584

Same Dimension

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



4291493766



4290772846



4287561606



4286218355



4285251328



4280565760

Inverse Universe

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



4290479871



4289556223



4294412031



4286083968



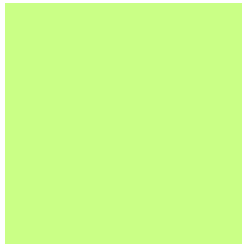
4283695295



4280025152

Previews

White Background



This preview shows how the Android color 4291493766 looks on a white background.

Color Contrast Check

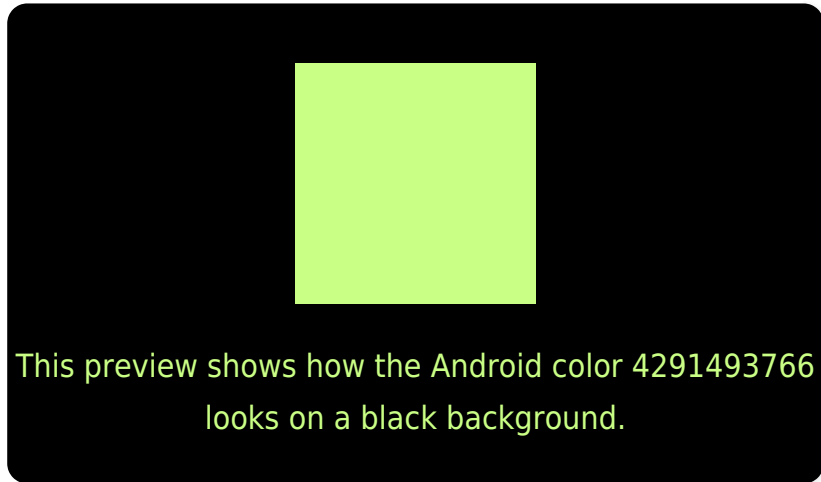
Large Text (above 18pt) WCAG AA × Fail

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

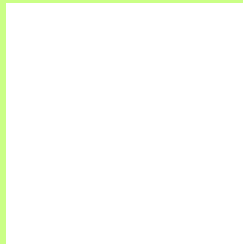
Any Text WCAG AAA ✓ Pass

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

Android 4291493766 Background



This preview shows how black text looks on a background with the Android color 4291493766.

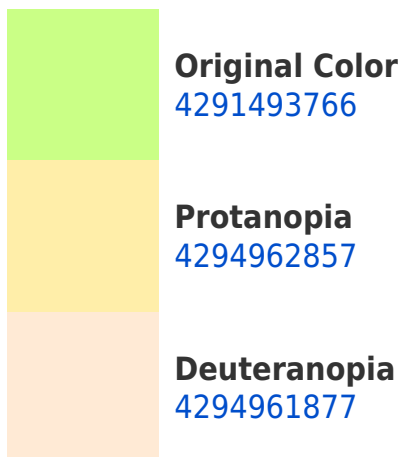


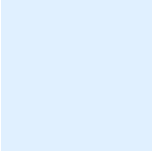
This preview shows how white text looks on a background with the Android color 4291493766.

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





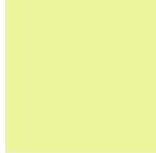
Tritanopia
4292931839

Trichromacy



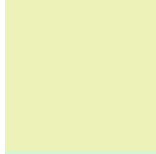
Original Color

4291493766



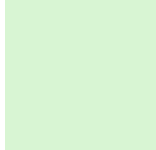
Protanomaly

4293719196



Deuteranomaly

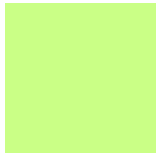
4293718712



Tritanomaly

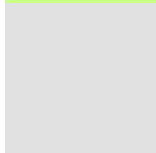
4292408787

Monochromacy



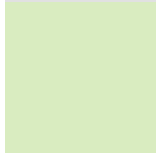
Original Color

4291493766



Achromatopsia

4292993505



Achromatomaly

4292472000

CSS Examples

Text

The CSS property to change the color of the text to Android 4291493766 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(202, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 134)  
}
```

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(202, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 134) }
```

Border

The CSS property to change the border of an element to Android 4291493766 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(202, 255, 134) }
```

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

```
.border{ border-color:rgb(202, 255, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4291493766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 134) }
```

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

```
.background{ background-color: rgb(202,  
255, 134) }
```

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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