

Converting Colors

Android(4291493730)

Have a look what the booklet for
Android(4291493730) contains.

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Color

Android(4291493730)

Conversions

Conversions Part 1

Format	Color
Hex	CAFF62
RGB	202, 255, 98
RGB Percent	79%, 100%, 38%
CMY	0.2078, 0.0000, 0.6157
CMYK	0.21, 0.00, 0.62, 0.00
HSL	80°, 100%, 69%
HSV	80°, 62%, 100%
XYZ	62.3217, 84.9584, 24.6692
YIQ	221.2550, 18.8090, -60.0630

Conversions

Conversions Part 2

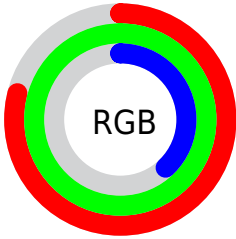
Format	Color
RYB	98, 255, 151
Decimal	13303650
CIELab	93.87, -39.18, 67.50
CIElCh	94, 78.043, 120.131
Yxy	84.9584, 0.3624, 0.4941
Android (android.graphics.Color)	4291493730 (0xFFCAFF62)
YUV	221.2550, -60.7647, -16.8866
Hunter-Lab	92.1729, -40.6116, 48.6526

Details

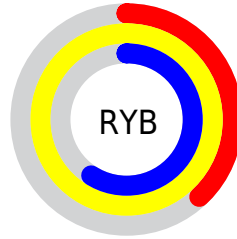
The Android color **4291493730** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **4288111359**, and the grayscale version is **4292796126**.

A 20% lighter version of the original color is **4294967194**, and **4287677990** is the 20% darker color. If you saturate the color by 10%, you get **4290903881**, and if you desaturate by 10%, it is **4292083579**.

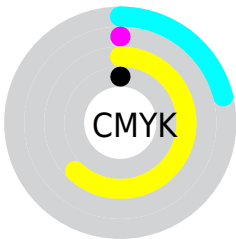
Distribution



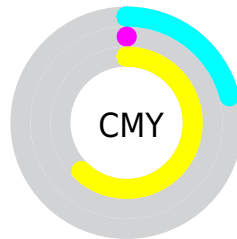
- Red (79%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291493730 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 4291493730 by changing the saturation by 10% instead.

 4291493730

 4291493730

4294967295

 4289585733

 4294967194

 4287677990

 4294967223

 4285836032

 4294967252

 4283994112

 4294967281

 4282086912

 4280048896

 4278207744

 4278201856

 4278195712

■ 4291493730

■ 4291493730

■ 4290903881

■ 4292083579

■ 4290379567

■ 4292607893

■ 4289789718

■ 4293197743

■ 4289330944

■ 4293722056

■ 4294311906

■ 4294901755

4294967295

Harmonies

Analogous

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



4294961739



4291493730



4284350367

Triad

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



4291493730



4278255615



4294945264

Complementary

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



4291493730



4288111359

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.



4294949631



4291493730



4280415999

Square

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



4291493730



4278255615



4293908991



4294947494

Rectangle

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



4291493730



4278255569



4293908991



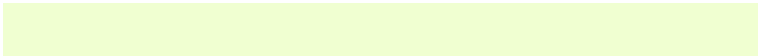
4294946047

Sweetspot

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



4291493730



4293984209



4294940258



4285956195



4278190080



4286611584

Same Dimension

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



4291493730



4290772802



4286381922



4286283891



4286562048



4280958976

Inverse Universe

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



4288111359



4286726911



4293223167



4286018432



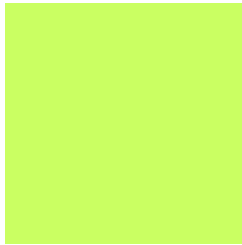
4282450111



4279631936

Previews

White Background



This preview shows how the Android color 4291493730 looks on a white background.

Color Contrast Check

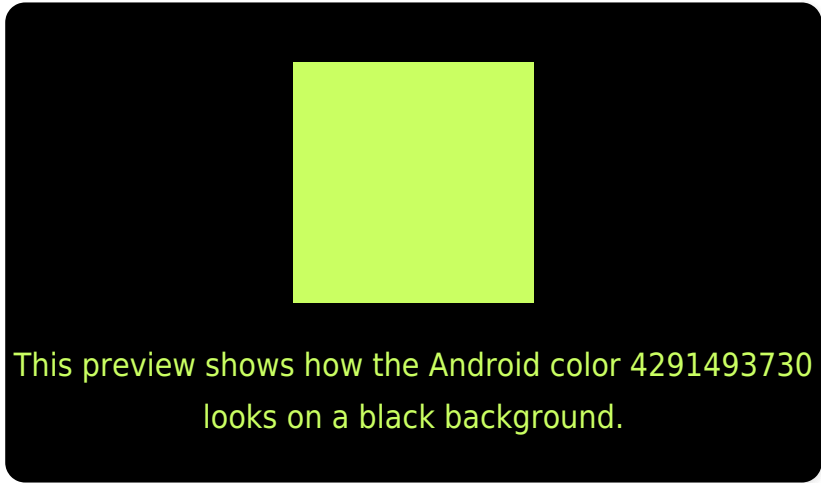
Large Text (above 18pt) WCAG AA × Fail

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 4291493730 Background



This preview shows how black text looks on a background with the Android color 4291493730.

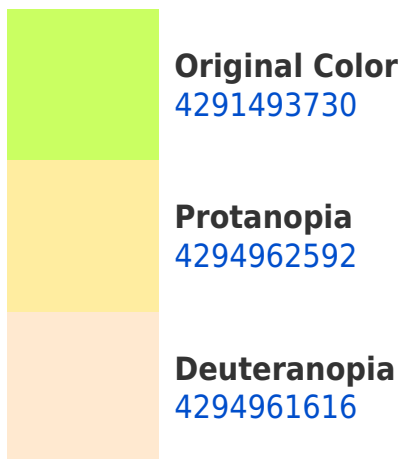


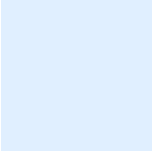
This preview shows how white text looks on a background with the Android color 4291493730.

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](#).

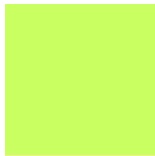
Dichromacy



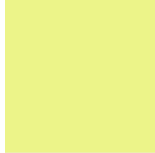


Tritanopia
4292931583

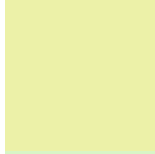
Trichromacy



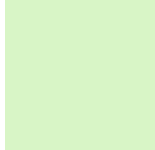
Original Color
4291493730



Protanomaly
4293719177

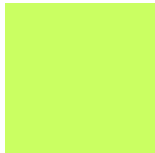


Deuteranomaly
4293718440

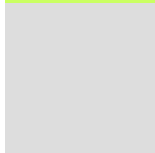


Tritanomaly
4292408774

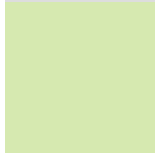
Monochromacy



Original Color
4291493730



Achromatopsia
4292730333



Achromatomaly
4292274608

CSS Examples

Text

The CSS property to change the color of the text to Android 4291493730 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 98) }
```

Border

The CSS property to change the border of an element to Android 4291493730 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, 98) }
```

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

```
.border{ border-color:rgb(202, 255, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 98);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4291493730 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, 98) }
```

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

```
.background{ background-color: rgb(202,  
255, 98) }
```

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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