

Converting Colors

Android(4291885893)

Have a look what the booklet for
Android(4291885893) contains.

Android(4291885893)	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(4291885893)

Conversions

Conversions Part 1

Format	Color
Hex	D0FB45
RGB	208, 251, 69
RGB Percent	82%, 98%, 27%
CMY	0.1843, 0.0157, 0.7294
CMYK	0.17, 0.00, 0.73, 0.02
HSL	74°, 96%, 63%
HSV	74°, 73%, 98%
XYZ	61.5838, 82.8339, 18.3730
YIQ	217.3950, 32.7940, -65.7180

Conversions

Conversions Part 2

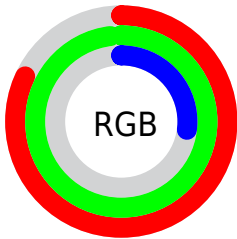
Format	Color
RYB	69, 251, 112
Decimal	13695813
CIELab	92.94, -36.92, 77.31
CIELCh	93, 85.674, 115.525
Yxy	82.8339, 0.3783, 0.5088
Android (android.graphics.Color)	4291885893 (0xFFD0FB45)
YUV	217.3950, -73.1587, -8.2394
Hunter-Lab	91.0131, -38.4915, 51.7402

Details

The Android color **4291885893** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4285548027**, and the grayscale version is **4292532954**.

A 20% lighter version of the original color is **4294967168**, and **4288004608** is the 20% darker color. If you saturate the color by 10%, you get **4291492652**, and if you desaturate by 10%, it is **4292279134**.

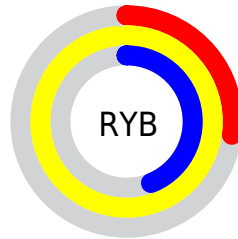
Distribution



Red (82%)

Green (98%)

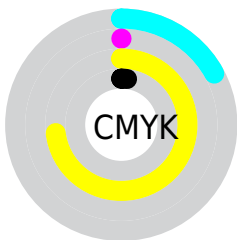
Blue (27%)



Red (27%)

Yellow (98%)

Blue (44%)

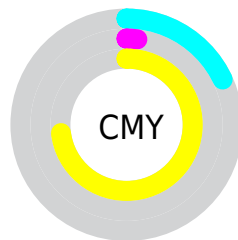


Cyan (17%)

Magenta (0%)

Yellow (73%)

Black (2%)



Cyan (18%)

Magenta (2%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291885893 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 4291885893 by changing the saturation by 10% instead.



4291885893



4291885893

4294967295



4289912353



4294967168



4288004608



4294967197



4286162688



4294967226



4284255488



4294967256



4282413824



4294967286



4280310272



4278206976



4278201344



4278194688

■ 4291885893

■ 4291885893

■ 4291492652

■ 4292279134

■ 4291099411

■ 4292672375

■ 4290837248

■ 4293065616

■ 4293458857

■ 4293852099

■ 4294245340

■ 4294638581

■ 4294966271

Harmonies

Analogous

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



4294959666



4291885893



4284284808

Triad

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



4291885893



4278255615



4294942203

Complementary

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



4291885893



4285548027

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.



4294948607



4291885893



4278253823

Square

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



4291885893



4278255615



4292205311



4294943657

Rectangle

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



4291885893



4278255551



4292205311



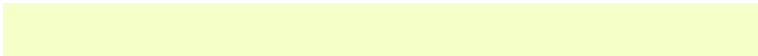
4294943487

Sweetspot

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



4291885893



4294115271



4294668101



4286087262



4278190080



4286611584

Same Dimension

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



4291885893



4291559201



4285987653



4286217584



4287675648



4281285888

Inverse Universe

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



4285548027



4283834879



4291446267



4285755517



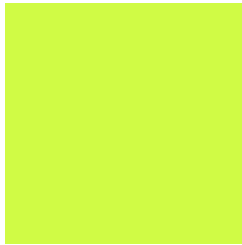
4281139389



4279107645

Previews

White Background



This preview shows how the Android color 4291885893 looks on a white background.

Color Contrast Check

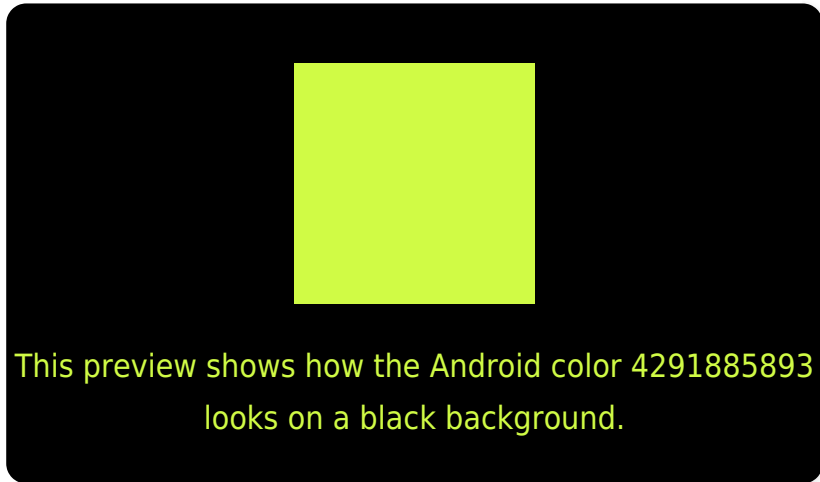
Large Text (above 18pt) WCAG AA × Fail

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 4291885893 Background



This preview shows how black text looks on a background with the Android color 4291885893.

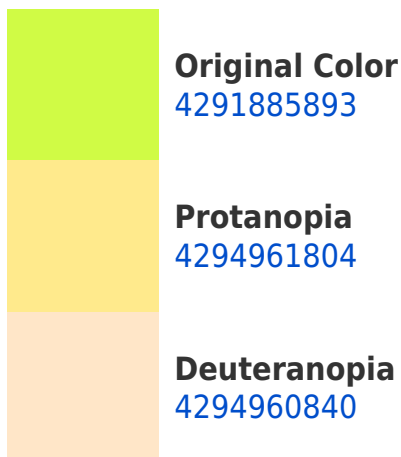


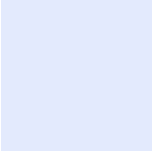
This preview shows how white text looks on a background with the Android color 4291885893.

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](#).

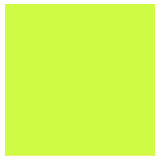
Dichromacy



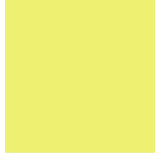


Tritanopia
4293126909

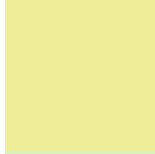
Trichromacy



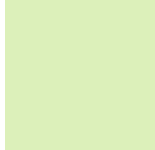
Original Color
4291885893



Protanomaly
4293849202



Deuteranomaly
4293848728

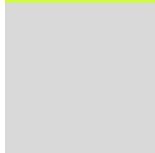


Tritanomaly
4292669626

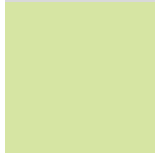
Monochromacy



Original Color
4291885893



Achromatopsia
4292467161



Achromatomaly
4292273571

CSS Examples

Text

The CSS property to change the color of the text to Android 4291885893 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(208, 251, 69)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 69)  
}
```

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(208, 251, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 69) }
```

Border

The CSS property to change the border of an element to Android 4291885893 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(208, 251, 69) }
```

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

```
.border{ border-color:rgb(208, 251, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 69);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
69) }
```

Background

The CSS property to change the background color of an element to Android 4291885893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 69) }
```

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

```
.background{ background-color: rgb(208,  
251, 69) }
```

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