

Converting Colors

Android(4291362637)

Have a look what the booklet for
Android(4291362637) contains.

Android(4291362637)	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(4291362637)

Conversions

Conversions Part 1

Format	Color
Hex	C8FF4D
RGB	200, 255, 77
RGB Percent	78%, 100%, 30%
CMY	0.2157, 0.0000, 0.6980
CMYK	0.22, 0.00, 0.70, 0.00
HSL	79°, 100%, 65%
HSV	79°, 70%, 100%
XYZ	60.9190, 84.3352, 20.0887
YIQ	218.2630, 24.3580, -67.0180

Conversions

Conversions Part 2

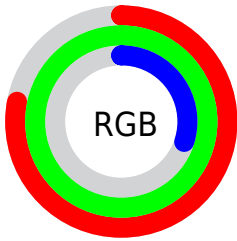
Format	Color
RYB	77, 255, 132
Decimal	13172557
CIELab	93.60, -41.30, 75.10
CIELCh	94, 85.708, 118.807
Yxy	84.3352, 0.3684, 0.5101
Android (android.graphics.Color)	4291362637 (0xFFC8FF4D)
YUV	218.2630, -69.6427, -16.0167
Hunter-Lab	91.8342, -42.3004, 51.3142

Details

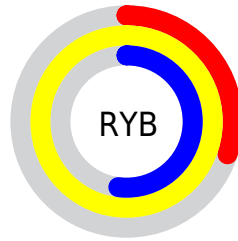
The Android color **4291362637** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4286860799**, and the grayscale version is **4292598747**.

A 20% lighter version of the original color is **4294967175**, and **4287546880** is the 20% darker color. If you saturate the color by 10%, you get **4290838324**, and if you desaturate by 10%, it is **4291886951**.

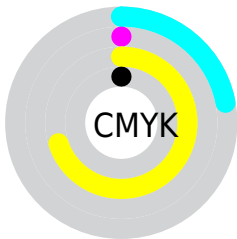
Distribution



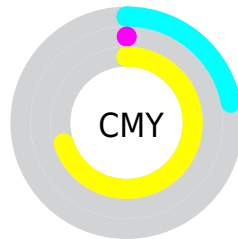
- Red (78%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (52%)



- Cyan (22%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291362637 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 4291362637 by changing the saturation by 10% instead.



4291362637



4291362637

4294967295



4289454636



4294967175



4287546880



4294967204



4285639424



4294967233



4283731968



4294967263



4281824768



4294967292



4279459072



4278207488



4278201856



4278195456

■ 4291362637

■ 4291362637

■ 4290838324

■ 4291886951

■ 4290314010

■ 4292411264

■ 4289789697

■ 4292935578

■ 4289789696

■ 4293459891

■ 4293918669

■ 4294442982

4294967295

Harmonies

Analogous

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



4294960946



4291362637



4282974098

Triad

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



4291362637



4278255615



4294942451

Complementary

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



4291362637



4286860799

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.



4294948095



4291362637



4278253567

Square

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



4291362637



4278255615



4293318911



4294944930

Rectangle

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



4291362637



4278255562



4293318911



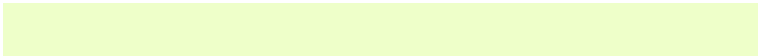
4294943487

Sweetspot

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



4291362637



4293853129



4294935117



4285956192



4278190080



4286611584

Same Dimension

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



4291362637



4290641705



4285661005



4286349427



4286889728



4281090048

Inverse Universe

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



4286860799



4285213183



4292562431



4286018432



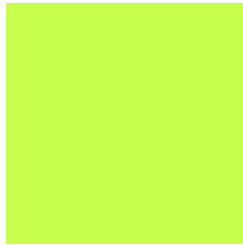
4282056895



4279500864

Previews

White Background



This preview shows how the Android color 4291362637 looks on a white background.

Color Contrast Check

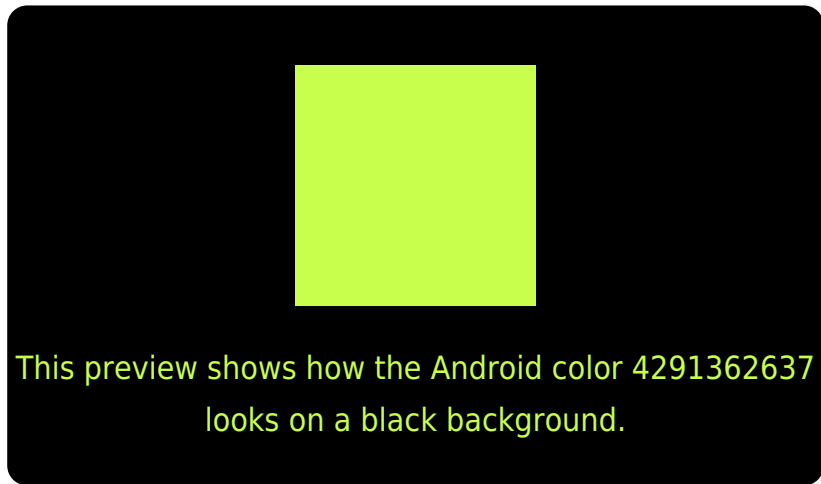
Large Text (above 18pt) WCAG AA × Fail

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 4291362637 Background



This preview shows how black text looks on a background with the Android color 4291362637.

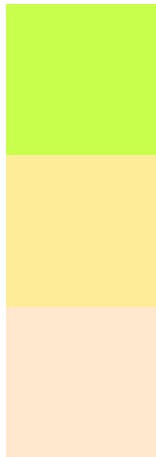


This preview shows how white text looks on a background with the Android color 4291362637.

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

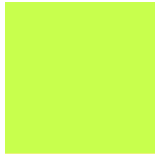


Original Color
4291362637

Protanopia
4294962329

Deuteranopia
4294961357

Trichromacy



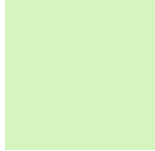
Original Color
4291362637



Protanomaly
4293653373

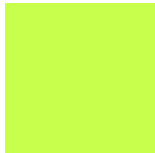


Deuteranomaly
4293652638

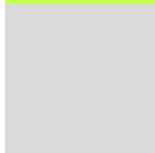


Tritanomaly
4292277438

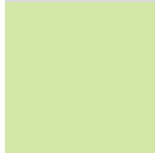
Monochromacy



Original Color
4291362637



Achromatopsia
4292532954



Achromatomaly
4292077479

CSS Examples

Text

The CSS property to change the color of the text to Android 4291362637 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(200, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 77)  
}
```

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(200, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 77) }
```

Border

The CSS property to change the border of an element to Android 4291362637 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(200, 255, 77) }
```

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

```
.border{ border-color:rgb(200, 255, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4291362637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 77) }
```

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

```
.background{ background-color: rgb(200,  
255, 77) }
```

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