

# Converting Colors

Android(4291231488)

Have a look what the booklet for  
Android(4291231488) contains.

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# **Color**

**Android(4291231488)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C6FF00                      |
| RGB         | 198, 255, 0                 |
| RGB Percent | 78%, 100%, 0%               |
| CMY         | 0.2235, 0.0000, 1.0000      |
| CMYK        | 0.22, 0.00, 1.00, 0.00      |
| HSL         | 73°, 100%, 50%              |
| HSV         | 73°, 100%, 100%             |
| XYZ         | 59.0487, 83.5258, 13.0099   |
| YIQ         | 208.8870, 47.8830, -91.3890 |

# Conversions

## Conversions Part 2

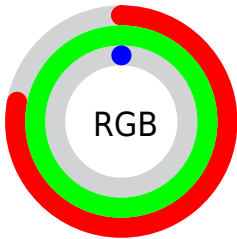
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 255, 57</a>                       |
| Decimal                             | <a href="#">13041408</a>                         |
| CIELab                              | <a href="#">93.24, -44.24, 89.84</a>             |
| CIElCh                              | <a href="#">93, 100.147, 116.216</a>             |
| Yxy                                 | <a href="#">83.5258, 0.3795,<br/>0.5369</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4291231488<br/>(0xFFC6FF00)</a>      |
| YUV                                 | <a href="#">208.8870, -102.9813,<br/>-9.5479</a> |
| Hunter-Lab                          | <a href="#">91.3924, -44.6078,<br/>55.5347</a>   |

# Details

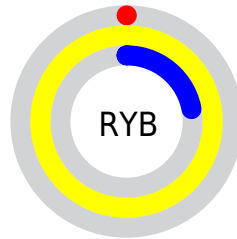
The Android color **4291231488** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **4281925887**, and the grayscale version is **4292006610**.

A 20% lighter version of the original color is **4294967135**, and **4287284736** is the 20% darker color. If you saturate the color by 10%, you get **4291231488**, and if you desaturate by 10%, it is **4291624729**.

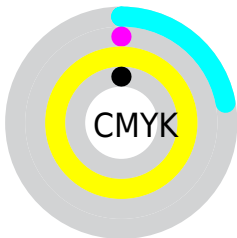
# Distribution



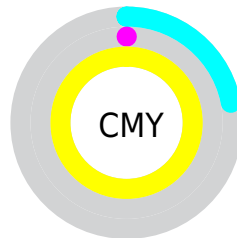
- Red (78%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (22%)



- Cyan (22%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291231488 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 4291231488 by changing the saturation by 10% instead.





4291231488



4291231488

4294967295



4289257984



4294967135



4287284736



4294967166



4285311744



4294967196



4283404288



4294967226



4281234944



4294967256



4278213888



4294967287




4278207488



4278201856



4278194944

 4291231488

 4291624729

 4291952435

 4292345677

 4292738918

 4293132160

 4293459865

 4293853107

 4294246348

 4294574054

# Harmonies

## Analogous

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



4294959872



4291231488



4278255481

# Triad

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



4291231488



4278255615



4294936316

# Complementary

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



4291231488



4281925887

# 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.



4294945279



4291231488



4278254591

# Square

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



4291231488



4278255615



4291811327



4294939037

# Rectangle

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



4291231488



4278255546



4291811327



4294938367

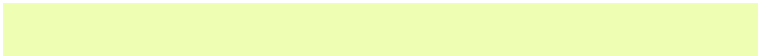


# Sweetspot

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



4291231488



4293853107



4294915840



4285890642



4278190080



4286611584



# Same Dimension

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



4291231488



4282973952



4286414963



4287938304



4281417728

# Inverse Universe

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



4281925887



4290183423



4285952896



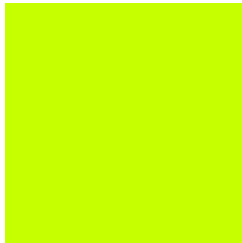
4281008319



4279107648

# Previews

## White Background



This preview shows how the Android color 4291231488 looks on a white background.

## Color Contrast Check

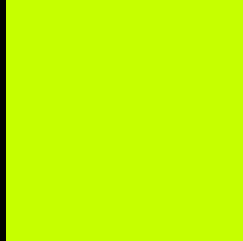
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291231488 looks on a 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 4291231488 Background



This preview shows how black text looks on a background with the Android color 4291231488.

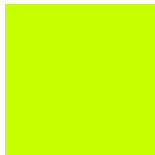


This preview shows how white text looks on a background with the Android color 4291231488.

# 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**  
4291231488



**Protanopia**  
4294962065



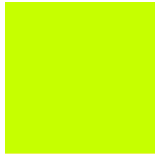
**Deuteranopia**  
4294961097



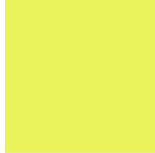


**Tritanopia**  
4292734463

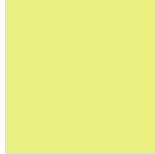
# Trichromacy



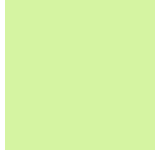
**Original Color**  
4291231488



**Protanomaly**  
4293587548

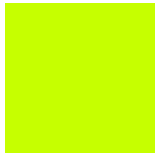


**Deuteranomaly**  
4293587072

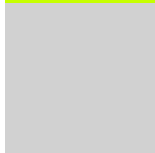


**Tritanomaly**  
4292211874

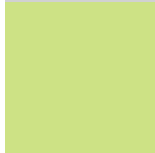
# Monochromacy



**Original Color**  
4291231488



**Achromatopsia**  
4291940817



**Achromatomaly**  
4291682949

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291231488 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(198, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 0)  
}
```

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(198, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291231488 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(198, 255, 0) }
```

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

```
.border{ border-color:rgb(198, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291231488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 0) }
```

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

```
.background{ background-color: rgb(198,  
255, 0) }
```

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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