

# Converting Colors

Android(4291755804)

Have a look what the booklet for  
Android(4291755804) contains.

<b>Android(4291755804)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291755804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEFF1C
RGB	206, 255, 28
RGB Percent	81%, 100%, 11%
CMY	0.1922, 0.0000, 0.8902
CMYK	0.19, 0.00, 0.89, 0.00
HSL	73°, 100%, 55%
HSV	73°, 89%, 100%
XYZ	61.4232, 84.7257, 14.2150
YIQ	214.4710, 43.6630, -80.9850

# Conversions

## Conversions Part 2

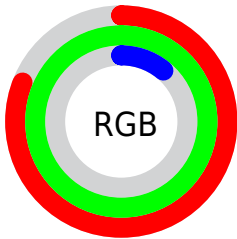
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 255, 77
Decimal	13565724
CIE Lab	93.76, -40.84, 87.79
CIE LCh	94, 96.825, 114.948
Yxy	84.7257, 0.3830, 0.5283
Android (android.graphics.Color)	4291755804 (0xFFCEFF1C)
YUV	214.4710, -91.9302, -7.4291
Hunter-Lab	92.0465, -41.9673, 55.2763

# Details

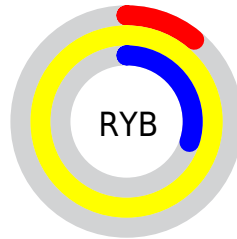
The Android color **4291755804** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **4283243775**, and the grayscale version is **4292335575**.

A 20% lighter version of the original color is **4294967143**, and **4287809024** is the 20% darker color. If you saturate the color by 10%, you get **4291362563**, and if you desaturate by 10%, it is **4292149046**.

# Distribution



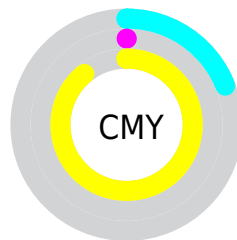
- Red (81%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (30%)



- Cyan (19%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



















- Cyan (19%)
- Magenta (0%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291755804 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 4291755804 by changing the saturation by 10% instead.



 4291755804	 4291755804
4294967295	 4289782272
 4294967143	 4287809024
 4294967173	 4285901568
 4294967203	 4283928576
 4294967233	 4281955840
 4294967263	 4279590144
4294967293	 4278207744
	 4278201856
	 4278195712

■ 4291755804

■ 4291755804

■ 4291362563

■ 4292149046

■ 4291362560

■ 4292476751

■ 4292869993

■ 4293197698

■ 4293590940

■ 4293918645

■ 4294311887

■ 4294639592

4294967295

# Harmonies

## Analogous

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



4294959872



4291755804



4281991035

# Triad

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



4291755804



4278255615



4294938367

# Complementary

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



4291755804



4283243775

# 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.



4294946815



4291755804



4278255103

# Square

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



4291755804



4278255615



4291550207



4294940580

# Rectangle

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



4291755804



4278255545



4291550207



4294940415

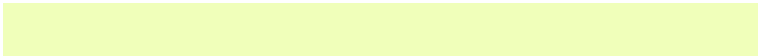


# Sweetspot

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



4291755804



4293984186



4294920476



4286021719



4278190080



4286611584



# Same Dimension

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



4291755804



4291362560



4284546844



4286414963



4288069376



4281483264



# Inverse Universe

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



4283243775



4281794815



4290452735



4285952896



4280877247

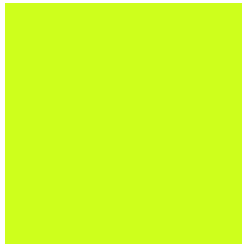


4279107648



# Previews

## White Background



This preview shows how the Android color 4291755804 looks on a white background.

## Color Contrast Check

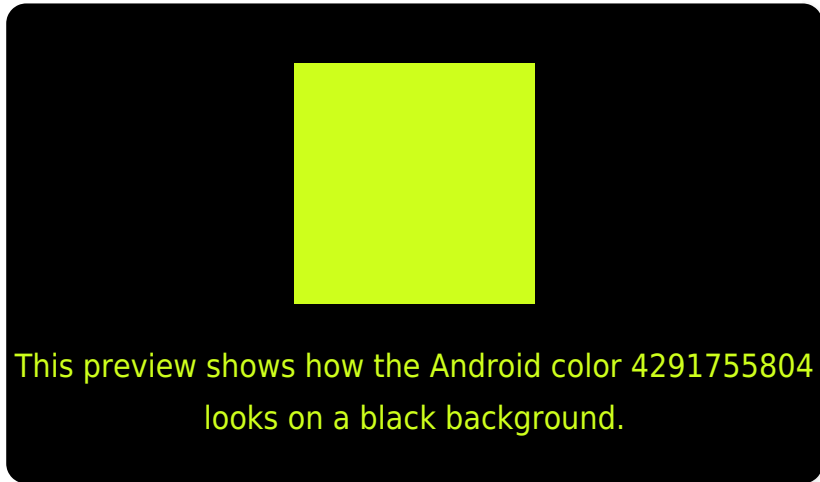
Large Text (above 18pt) WCAG AA × Fail

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 4291755804 Background



This preview shows how black text looks on a background with the Android color 4291755804.



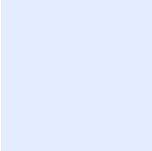
This preview shows how white text looks on a background with the Android color 4291755804.

# 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](#).

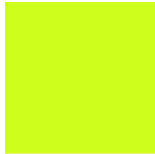
## Dichromacy

	<b>Original Color</b> 4291755804
	<b>Protanopia</b> 4294962588
	<b>Deuteranopia</b> 4294961613

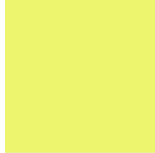


**Tritanopia**  
4293127679

# Trichromacy



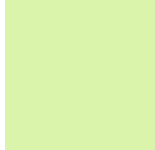
**Original Color**  
4291755804



**Protanomaly**  
4293784685



**Deuteranomaly**  
4293783949

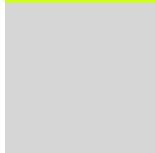


**Tritanomaly**  
4292605100

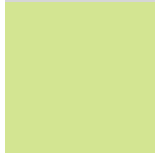
# Monochromacy



**Original Color**  
4291755804



**Achromatopsia**  
4292269782



**Achromatomaly**  
4292076946

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291755804 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(206, 255, 28)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 28)  
}
```

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(206, 255, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 28) }
```

## Border

The CSS property to change the border of an element to Android 4291755804 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(206, 255, 28) }
```

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

```
.border{ border-color:rgb(206, 255, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 28);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
28) }
```

# Background

The CSS property to change the background color of an element to Android 4291755804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 28) }
```

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

```
.background{ background-color: rgb(206,  
255, 28) }
```

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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