

# Converting Colors

Android(4292411202)

Have a look what the booklet for  
Android(4292411202) contains.

<b>Android(4292411202)</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(4292411202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8FF42
RGB	216, 255, 66
RGB Percent	85%, 100%, 26%
CMY	0.1529, 0.0000, 0.7412
CMYK	0.15, 0.00, 0.74, 0.00
HSL	72°, 100%, 63%
HSV	72°, 74%, 100%
XYZ	65.0623, 86.5123, 18.4237
YIQ	221.7930, 37.4250, -67.0470

# Conversions

## Conversions Part 2

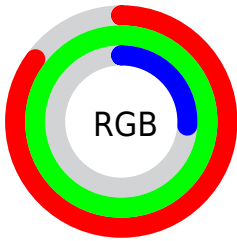
Format	Color
<a href="#">RYB</a>	<a href="#">66, 255, 105</a>
Decimal	<a href="#">14221122</a>
CIELab	<a href="#">94.53, -35.77, 79.95</a>
CIElCh	<a href="#">95, 87.587, 114.104</a>
Yxy	<a href="#">86.5123, 0.3827, 0.5089</a>
Android (android.graphics.Color)	<a href="#">4292411202 (0xFFD8FF42)</a>
YUV	<a href="#">221.7930, -76.8059, -5.0805</a>
Hunter-Lab	<a href="#">93.0120, -37.9095, 53.3643</a>

# Details

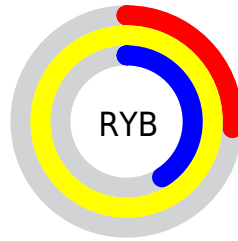
The Android color `4292411202` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed yellow. A complement of this color would be `4285088511`, and the grayscale version is `4292861919`.

A 20% lighter version of the original color is `4294967167`, and `4288529920` is the 20% darker color. If you saturate the color by 10%, you get `4292083496`, and if you desaturate by 10%, it is `4292738907`.

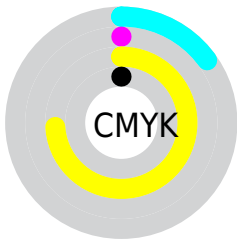
# Distribution



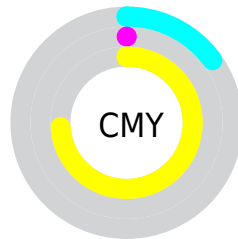
- Red (85%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292411202 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 4292411202 by changing the saturation by 10% instead.





4292411202



4292411202

4294967295



4290437659



4294967167



4288529920



4294967196



4286622464



4294967225



4284715008



4294967254



4282873344



4294967284



4280835328



4278338816



4278201856



4278196224

■ 4292411202

■ 4292411202

■ 4292083496

■ 4292738907

■ 4291690255

■ 4293132149

■ 4291493632

■ 4293459855

■ 4293787560

■ 4294115266

■ 4294508507

■ 4294836212

4294967295

# Harmonies

## Analogous

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



4294960433



4292411202



4284874630

# Triad

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



4292411202



4278255615



4294942975

# Complementary

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



4292411202



4285088511

# 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.



4294949887



4292411202



4278255359

# Square

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



4292411202



4278255615



4291944703



4294944175

# Rectangle

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



4292411202



4278255550



4291944703



4294944511

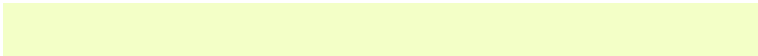


# Sweetspot

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



4292411202



4294180807



4294928450



4286152798



4278190080



4286611584



# Same Dimension

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



4292411202



4291886876



4286316354



4286414963



4288200448



4281548800



# Inverse Universe

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



4285088511



4283112703



4291183359



4285887360



4280746175

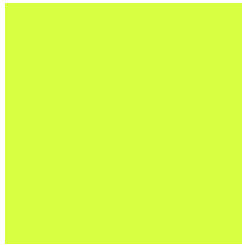


4279042112



# Previews

## White Background



This preview shows how the Android color 4292411202 looks on a white background.

## Color Contrast Check

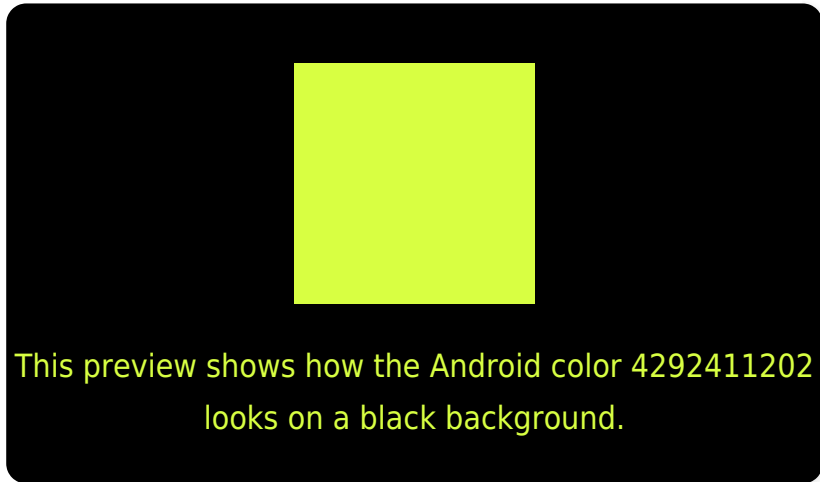
Large Text (above 18pt) WCAG AA × Fail

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 4292411202 Background



This preview shows how black text looks on a background with the Android color 4292411202.

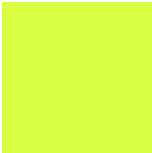


This preview shows how white text looks on a background with the Android color 4292411202.

# 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](#).

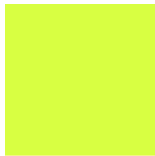
## Dichromacy

	<b>Original Color</b> 4292411202
	<b>Protanopia</b> 4294963116
	<b>Deuteranopia</b> 4294962389

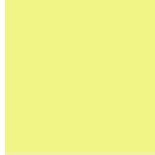


**Tritanopia**  
4293717759

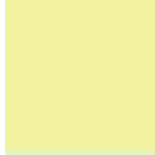
# Trichromacy



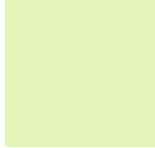
**Original Color**  
4292411202



**Protanomaly**  
4294047109

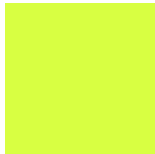


**Deuteranomaly**  
4294046624

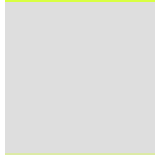


**Tritanomaly**  
4293260474

# Monochromacy



**Original Color**  
4292411202



**Achromatopsia**  
4292796126



**Achromatomaly**  
4292668069

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292411202 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(216, 255, 66)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 66)  
}
```

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(216, 255, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 66) }
```

## Border

The CSS property to change the border of an element to Android 4292411202 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(216, 255, 66) }
```

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

```
.border{ border-color:rgb(216, 255, 66) }
```

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

Here you see how a box with a 4 pixel rgb(216, 255, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 66);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4292411202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 66) }
```

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

```
.background{ background-color: rgb(216,  
255, 66) }
```

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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