

# Converting Colors

Android(4292803463)

Have a look what the booklet for  
Android(4292803463) contains.

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# **Color**

**Android(4292803463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEFB87
RGB	222, 251, 135
RGB Percent	87%, 98%, 53%
CMY	0.1294, 0.0157, 0.4706
CMYK	0.12, 0.00, 0.46, 0.02
HSL	75°, 94%, 76%
HSV	75°, 46%, 98%
XYZ	68.9946, 86.2732, 35.9377
YIQ	229.1050, 19.9520, -42.2240

# Conversions

## Conversions Part 2

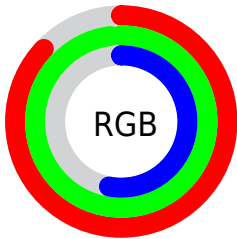
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 251, 164
Decimal	14613383
CIELab	94.43, -26.63, 52.18
CIELCh	94, 58.579, 117.035
Yxy	86.2732, 0.3608, 0.4512
Android (android.graphics.Color)	4292803463 (0xFFDEFB87)
YUV	229.1050, -46.3938, -6.2311
Hunter-Lab	92.8834, -29.9546, 42.0784

# Details

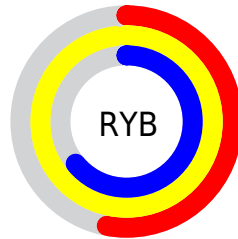
The Android color **4292803463** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4288972795**, and the grayscale version is **4293322470**.

A 20% lighter version of the original color is **4294967230**, and **4289053266** is the 20% darker color. If you saturate the color by 10%, you get **4292410222**, and if you desaturate by 10%, it is **4293196704**.

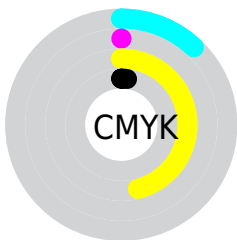
# Distribution



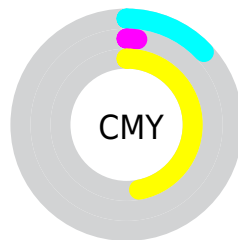
- Red (87%)
- Green (98%)
- Blue (53%)



- Red (53%)
- Yellow (98%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)


















- Cyan (13%)
- Magenta (2%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292803463 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 4292803463 by changing the saturation by 10% instead.



 4292803463	 4292803463
 4294967295	 4290895468
 4294967230	 4289053266
 4294967259	 4287211320
 4294967288	 4285435163
	 4283724544
	 4282014208
	 4280304384
	 4278266880
	 4278196224

 4292803463


 4292803463

 4292410222


 4293196704

 4291951445

 4293655481

 4291558204

 4294048722

 4291164963

 4294441963

 4290771721

 4294835199

 4290575104

 4294966271

# Harmonies

## Analogous

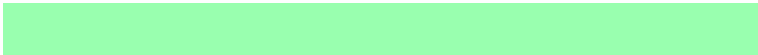
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961788



4292803463



4288282543

# Triad

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



4292803463



4278255615



4294951415

# Complementary

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



4292803463



4288972795

# 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.



4294954495



4292803463



4286969855

# Square

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



4292803463



4278255615



4293649151



4294952383

# Rectangle

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



4292803463



4284284884



4293649151



4294952191

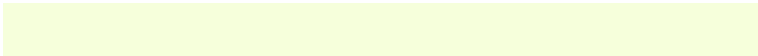


# Sweetspot

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



4292803463



4294377435



4294681735



4286218346



4278190080



4286611584



# Same Dimension

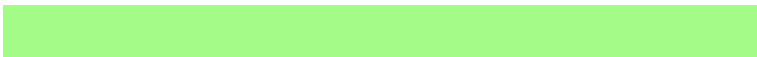
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292803463



4292673395



4289002375



4286217584



4287544576



4281220352



# Inverse Universe

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



4288972795



4288050175



4292773883



4285821053



4281270461

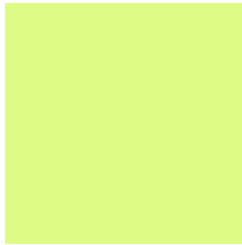


4279173181



# Previews

## White Background



This preview shows how the Android color 4292803463 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 4292803463 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 4292803463 Background



This preview shows how black text looks on a background with the Android color 4292803463.

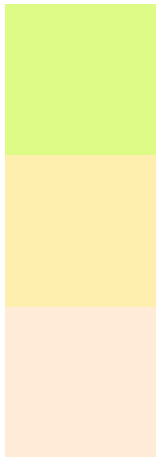


This preview shows how white text looks on a background with the Android color 4292803463.

# 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**  
4292803463

**Protanopia**  
4294963119

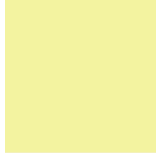
**Deuteranopia**  
4294962135



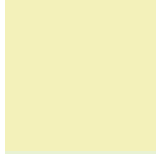
# Trichromacy



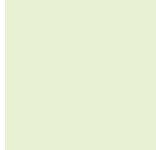
**Original Color**  
4292803463



**Protanomaly**  
4294177696



**Deuteranomaly**  
4294177210

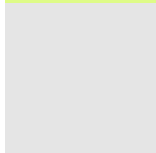


**Tritanomaly**  
4293456595

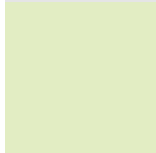
# Monochromacy



**Original Color**  
4292803463



**Achromatopsia**  
4293256677



**Achromatomaly**  
4293062083

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292803463 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(222, 251, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 251, 135)  
}
```

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(222, 251, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 251, 135) }
```

## Border

The CSS property to change the border of an element to Android 4292803463 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(222, 251, 135) }
```

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

```
.border{ border-color:rgb(222, 251, 135) }
```

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

Here you see how a box with a 4 pixel rgb(222, 251, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 251, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 251, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 251,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4292803463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 251, 135) }
```

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

```
.background{ background-color: rgb(222,  
251, 135) }
```

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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