

# Converting Colors

Android(4290707317)

Have a look what the booklet for  
Android(4290707317) contains.

<b>Android(4290707317)</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(4290707317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFF75
RGB	190, 255, 117
RGB Percent	75%, 100%, 46%
CMY	0.2549, 0.0000, 0.5412
CMYK	0.25, 0.00, 0.54, 0.00
HSL	88°, 100%, 73%
HSV	88°, 54%, 100%
XYZ	60.2061, 83.7515, 29.8221
YIQ	219.8330, 5.5580, -56.6980

# Conversions

## Conversions Part 2

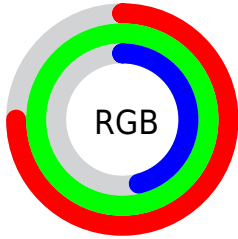
Format	Color
<a href="#">RYB</a>	<a href="#">117, 255, 182</a>
Decimal	<a href="#">12517237</a>
CIELab	<a href="#">93.34, -41.90, 58.64</a>
CIElCh	<a href="#">93, 72.066, 125.545</a>
Yxy	<a href="#">83.7515, 0.3465, 0.4819</a>
Android (android.graphics.Color)	<a href="#">4290707317 (0xFFBEFF75)</a>
YUV	<a href="#">219.8330, -50.6967, -26.1635</a>
Hunter-Lab	<a href="#">91.5158, -42.7218, 44.7404</a>

# Details

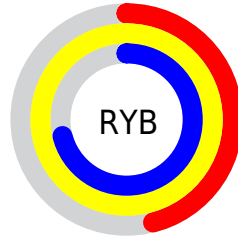
The Android color **4290707317** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **4290147839**, and the grayscale version is **4292664540**.

A 20% lighter version of the original color is **4294573996**, and **4286957118** is the 20% darker color. If you saturate the color by 10%, you get **4289920859**, and if you desaturate by 10%, it is **4291493775**.

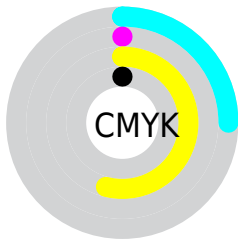
# Distribution



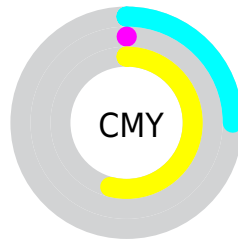
- Red (75%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290707317 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 4290707317 by changing the saturation by 10% instead.



 4290707317

 4290707317

4294967295

 4288799322

 4294573996

 4286957118

 4294967241

 4285114913

 4294967270

 4283273216

 4281365760

 4279131136

 4278207488

 4278201600

 4278195200

■ 4290707317

■ 4290707317

■ 4289920859

■ 4291493775

■ 4289134402

■ 4292280232

■ 4288347944

■ 4293066690

■ 4287561487

■ 4293853147

■ 4287102720

■ 4294639604

4294967295

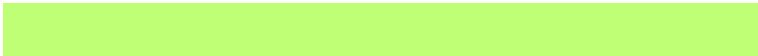
# Harmonies

## Analogous

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



4294962265



4290707317



4283695024

# Triad

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



4290707317



4278255615



4294946530

# Complementary

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



4290707317



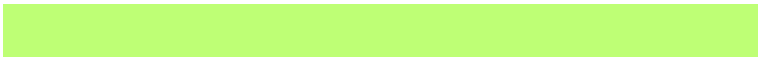
4290147839

# 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.



4294949631



4290707317



4286574591

# Square

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



4290707317



4278255615



4294956287



4294949535

# Rectangle

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



4290707317



4278255583



4294956287



4294947065

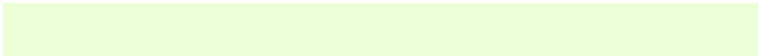


# Sweetspot

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



4290707317



4293722070



4294948213



4285825127



4278190080

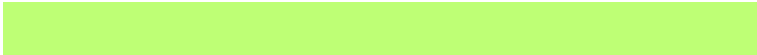


4286611584



# Same Dimension

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



4290707317



4289855321



4286250869



4286152819



4284858112



4280434688



# Inverse Universe

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



4290147839



4289157631



4294604287



4286149504



4284088511

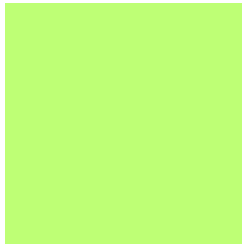


4280156224



# Previews

## White Background



This preview shows how the Android color 4290707317 looks on a white background.

## Color Contrast Check

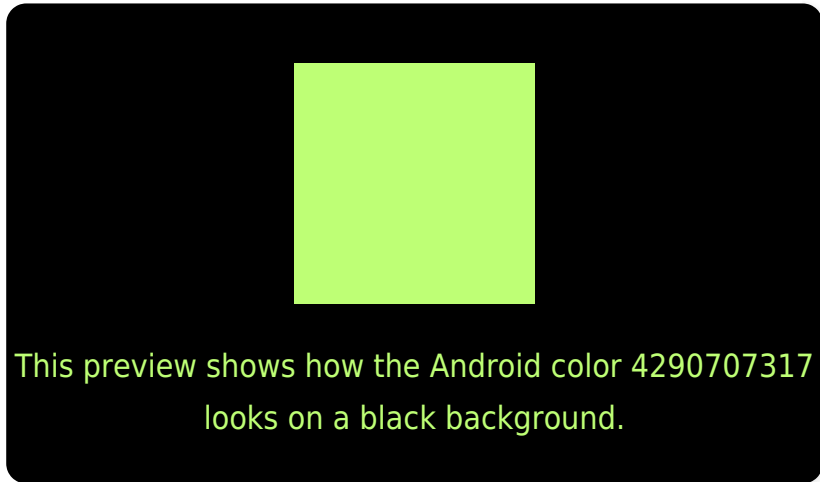
Large Text (above 18pt) WCAG AA × Fail

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

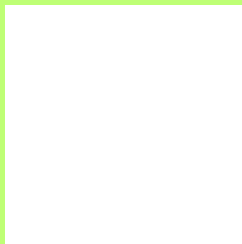
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290707317 Background



This preview shows how black text looks on a background with the Android color 4290707317.

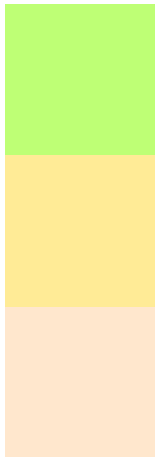


This preview shows how white text looks on a background with the Android color 4290707317.

# 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**  
4290707317

**Protanopia**  
4294962070

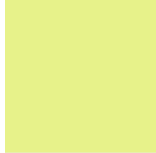
**Deuteranopia**  
4294961101



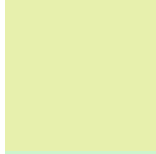
# Trichromacy



**Original Color**  
4290707317



**Protanomaly**  
4293390986

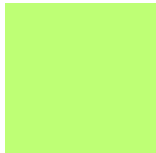


**Deuteranomaly**  
4293390509

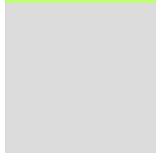


**Tritanomaly**  
4291687885

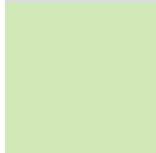
# Monochromacy



**Original Color**  
4290707317



**Achromatopsia**  
4292664540



**Achromatomaly**  
4291946935

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290707317 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(190, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 117)  
}
```

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(190, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 117) }
```

## Border

The CSS property to change the border of an element to Android 4290707317 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(190, 255, 117) }
```

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

```
.border{ border-color:rgb(190, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
117) }
```

# Background

The CSS property to change the background color of an element to Android 4290707317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 117) }
```

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

```
.background{ background-color: rgb(190,  
255, 117) }
```

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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