

# Converting Colors

Android(4290901583)

Have a look what the booklet for  
Android(4290901583) contains.

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# **Color**

**Android(4290901583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1F64F
RGB	193, 246, 79
RGB Percent	76%, 96%, 31%
CMY	0.2431, 0.0353, 0.6902
CMYK	0.22, 0.00, 0.68, 0.04
HSL	79°, 90%, 64%
HSV	79°, 68%, 96%
XYZ	56.3594, 77.8135, 19.4462
YIQ	211.1150, 22.0190, -63.1730

# Conversions

## Conversions Part 2

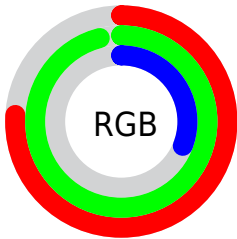
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 246, 132
Decimal	12711503
CIELab	90.69, -39.83, 71.33
CIELCh	91, 81.694, 119.180
Yxy	77.8135, 0.3669, 0.5065
Android (android.graphics.Color)	4290901583 (0xFFC1F64F)
YUV	211.1150, -65.1327, -15.8869
Hunter-Lab	88.2120, -40.3258, 48.6780

# Details

The Android color `4290901583` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light washed yellow. A complement of this color would be `4286861302`, and the grayscale version is `4292138196`.

A 20% lighter version of the original color is `4294836104`, and `4287085824` is the 20% darker color. If you saturate the color by 10%, you get `4290377270`, and if you desaturate by 10%, it is `4291425896`.

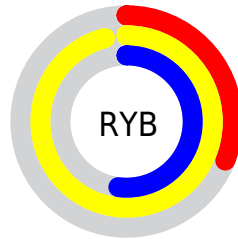
# Distribution



Red (76%)

Green (96%)

Blue (31%)



Red (31%)

Yellow (96%)

Blue (52%)

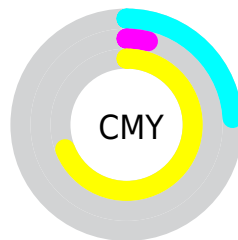


Cyan (22%)

Magenta (0%)

Yellow (68%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290901583 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 4290901583 by changing the saturation by 10% instead.



 4290901583

 4290901583

4294967295

 4288993584

 4294836104

 4287085824

 4294967205

 4285243904

 4294967234

 4283336704

 4294967263

 4281495040

4294967293

 4278932736

 4278205696

 4278200320

 4278191360

■ 4290901583

■ 4290901583

■ 4290377270

■ 4291425896

■ 4289852958

■ 4291950208

■ 4289394181

■ 4292408985

■ 4289263104

■ 4292933297

■ 4293457610

■ 4293981923

■ 4294506235

■ 4294964991

# Harmonies

## Analogous

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



4294959158



4290901583



4283105168

# Triad

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



4290901583



4278255615



4294941418

# Complementary

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



4290901583



4286861302

# 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



4290901583



4278251263

# Square

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



4290901583



4278255615



4292989439



4294943901

# Rectangle

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



4290901583



4278255556



4292989439



4294942463

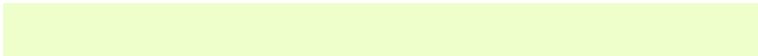


# Sweetspot

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



4290901583



4293918668



4294345807



4285956193



4278190080



4286611584



# Same Dimension

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



4290901583



4290641712



4285462095



4286020206



4286560768



4280826624



# Inverse Universe

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



4286861302



4285673727



4292300790



4285689466



4282056890

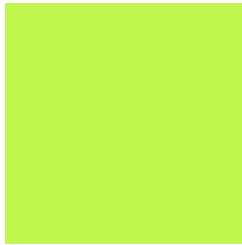


4279435323



# Previews

## White Background



This preview shows how the Android color 4290901583 looks on a white background.

## Color Contrast Check

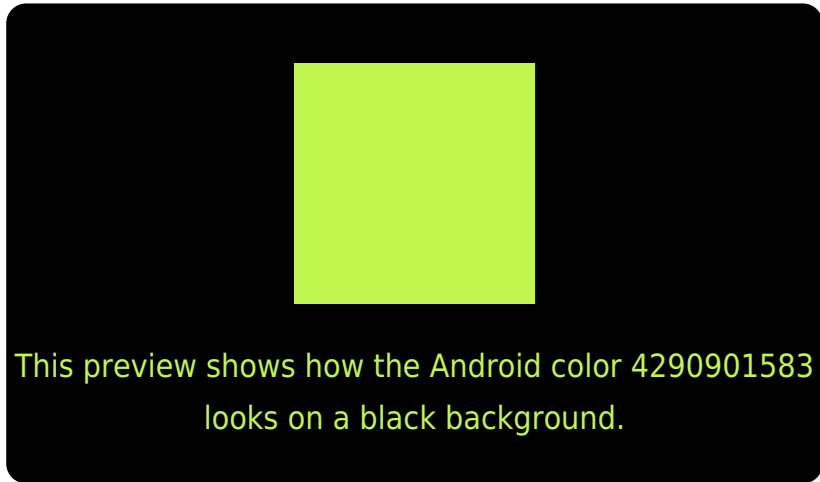
Large Text (above 18pt) WCAG AA × Fail

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 4290901583 Background



This preview shows how black text looks on a background with the Android color 4290901583.



This preview shows how white text looks on a background with the Android color 4290901583.

# Color Blindness Simulation

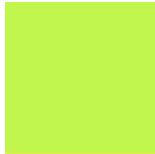
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

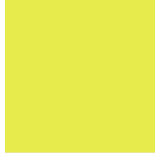




# Trichromacy



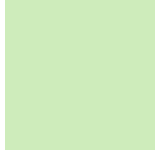
**Original Color**  
4290901583



**Protanomaly**  
4293454668



**Deuteranomaly**  
4293453711

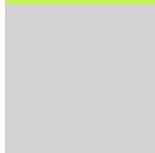


**Tritanomaly**  
4291751099

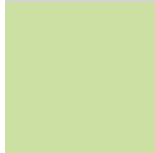
# Monochromacy



**Original Color**  
4290901583



**Achromatopsia**  
4292072403



**Achromatomaly**  
4291616931

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290901583 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(193, 246, 79)` looks like.

```
.text, #text, p{  
    color:rgb(193, 246, 79)  
}
```

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(193, 246, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 246, 79) }
```

## Border

The CSS property to change the border of an element to Android 4290901583 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(193, 246, 79) }
```

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

```
.border{ border-color:rgb(193, 246, 79) }
```

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

Here you see how a box with a 4 pixel rgb(193, 246, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 246, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 246, 79);  
box-shadow:4px 4px 4px 4px rgb(193, 246,  
79) }
```

# Background

The CSS property to change the background color of an element to Android 4290901583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 246, 79) }
```

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

```
.background{ background-color: rgb(193,  
246, 79) }
```

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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