

# Converting Colors

Android(4290305866)

Have a look what the booklet for  
Android(4290305866) contains.

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# **Color**

**Android(4290305866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DF4A
RGB	184, 223, 74
RGB Percent	72%, 87%, 29%
CMY	0.2784, 0.1255, 0.7098
CMYK	0.17, 0.00, 0.67, 0.13
HSL	76°, 70%, 58%
HSV	76°, 67%, 87%
XYZ	47.3909, 63.4601, 16.2298
YIQ	194.3530, 24.5850, -54.6070

# Conversions

## Conversions Part 2

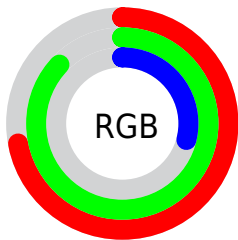
Format	Color
<a href="#">RYB</a>	<a href="#">74, 223, 113</a>
Decimal	<a href="#">12115786</a>
CIELab	<a href="#">83.68, -33.19, 65.83</a>
CIELCh	<a href="#">84, 73.720, 116.758</a>
Yxy	<a href="#">63.4601, 0.3729, 0.4994</a>
Android (android.graphics.Color)	<a href="#">4290305866 (0xFFB8DF4A)</a>
YUV	<a href="#">194.3530, -59.3340, -9.0796</a>
Hunter-Lab	<a href="#">79.6619, -33.2185, 43.6839</a>

# Details

The Android color `4290305866` is a light color, and the websafe version is hex `99CC33`. The color can be described as light muted chartreuse. A complement of this color would be `4285614815`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4294180738`, and `4286556160` is the 20% darker color. If you saturate the color by 10%, you get `4289912628`, and if you desaturate by 10%, it is `4290699104`.

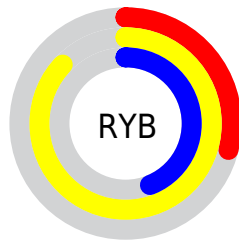
# Distribution



Red (72%)

Green (87%)

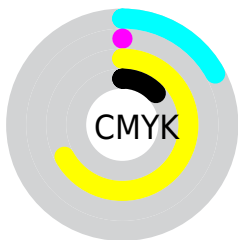
Blue (29%)



Red (29%)

Yellow (87%)

Blue (44%)

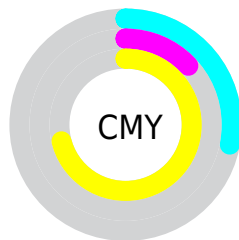


Cyan (17%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (28%)

Magenta (13%)

















Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290305866 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 4290305866 by changing the saturation by 10% instead.



 4290305866	 4290305866
4294967295	 4288398124
 4294180738	 4286556160
 4294967198	 4284714240
 4294967226	 4282938112
 4294967255	 4281096960
 4294967285	 4278862592
	 4278201344
	 4278195456
	 4278190080


 4290305866

 4290305866

 4289912628

 4290699104

 4289519389

 4291092343

 4289126151

 4291485581

 4289060608

 4291813283

 4292206522

 4292599760

 4292992998

 4293386236

 4293779455

# Harmonies

## Analogous

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



4294757178



4290305866



4284017793

# Triad

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



4290305866



4278250495



4294939099

# Complementary

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



4290305866



4285614815

# 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.



4294943999



4290305866



4278246399

# Square

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



4290305866



4278252287



4291150335



4294940566

# Rectangle

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



4290305866



4278251694



4291150335



4294940146

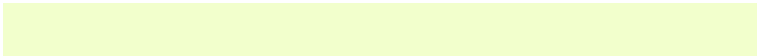


# Sweetspot

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



4290305866



4294115276



4292833098



4286021729



4278190080



4286611584



# Same Dimension

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



4290305866



4291493683



4285521738



4285362277



4286754816



4280561664



# Inverse Universe

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



4285614815



4285019135



4290398943



4285031792



4281204912



4279042096



# Previews

## White Background



This preview shows how the Android color 4290305866 looks on a white background.

## Color Contrast Check

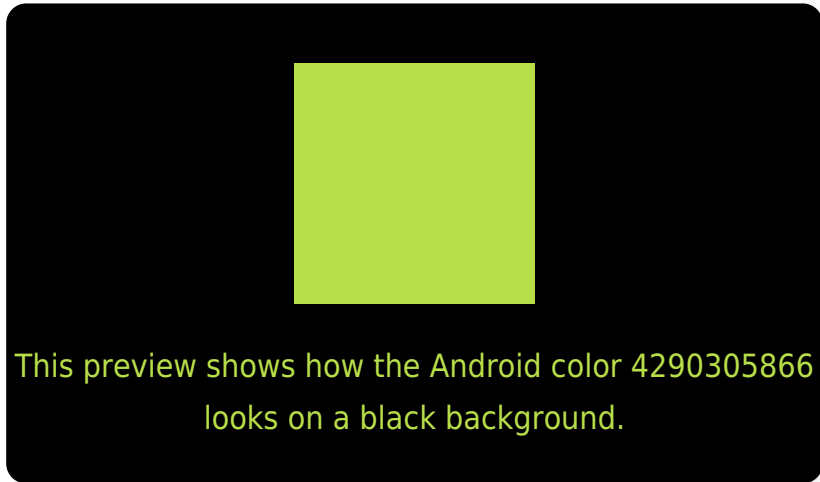
Large Text (above 18pt) WCAG AA × Fail

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 4290305866 Background



This preview shows how black text looks on a background with the Android color 4290305866.

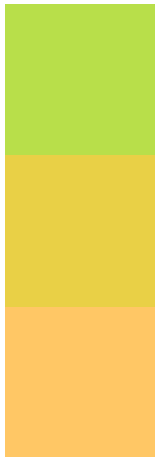


This preview shows how white text looks on a background with the Android color 4290305866.

# 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](#).

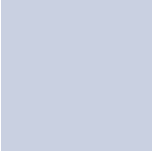
## Dichromacy



**Original Color**  
4290305866

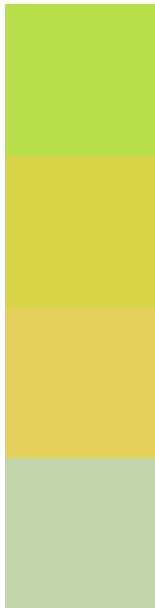
**Protanopia**  
4293513286

**Deuteranopia**  
4294952805



**Tritanopia**  
4291416289

# Trichromacy



**Original Color**  
4290305866

**Protanomaly**  
4292334919

**Deuteranomaly**  
4293251163

**Tritanomaly**  
4291024298

# Monochromacy



**Original Color**  
4290305866

**Achromatopsia**  
4290953922

**Achromatomaly**  
4290694550

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290305866 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(184, 223, 74)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 74)  
}
```

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(184, 223, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 74) }
```

## Border

The CSS property to change the border of an element to Android 4290305866 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(184, 223, 74) }
```

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

```
.border{ border-color:rgb(184, 223, 74) }
```

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

Here you see how a box with a 4 pixel rgb(184, 223, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 223, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 223, 74);  
box-shadow:4px 4px 4px 4px rgb(184, 223,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4290305866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 74) }
```

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

```
.background{ background-color: rgb(184,  
223, 74) }
```

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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