

# Converting Colors

Android(4290376052)

Have a look what the booklet for  
Android(4290376052) contains.

<b>Android(4290376052)</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(4290376052)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B9F174
RGB	185, 241, 116
RGB Percent	73%, 95%, 45%
CMY	0.2745, 0.0549, 0.5451
CMYK	0.23, 0.00, 0.52, 0.05
HSL	87°, 82%, 70%
HSV	87°, 52%, 95%
XYZ	54.6153, 74.4858, 28.0217
YIQ	210.0060, 6.7490, -50.7470

# Conversions

## Conversions Part 2

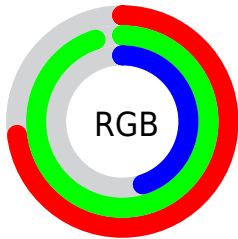
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 241, 172
Decimal	12185972
CIELab	89.15, -37.56, 54.08
CIELCh	89, 65.842, 124.779
Yxy	74.4858, 0.3476, 0.4741
Android (android.graphics.Color)	4290376052 (0xFFB9F174)
YUV	210.0060, -46.3450, -21.9303
Hunter-Lab	86.3052, -38.0765, 41.1633

# Details

The Android color `4290376052` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4289492209`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4294180779`, and `4286691647` is the 20% darker color. If you saturate the color by 10%, you get `4289655132`, and if you desaturate by 10%, it is `4291096972`.

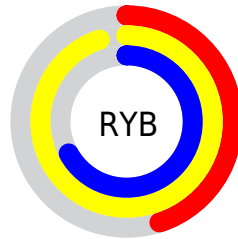
# Distribution



Red (73%)

Green (95%)

Blue (45%)



Red (45%)

Yellow (95%)

Blue (67%)

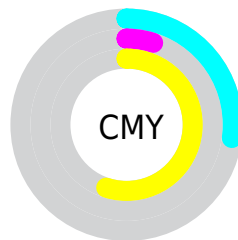


Cyan (23%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290376052 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 4290376052 by changing the saturation by 10% instead.





4290376052



4290376052

4294967295



4288533593



4294180779



4286691647



4294967239



4284914978



4294967268



4283073280



4281231872



4279193856



4278204672



4278199552




4278190080

 4290376052

 4290376052

 4289655132

 4291096972

 4288934212

 4291817892

 4288278828

 4292473276

 4287557908

 4293194196

 4286968064

 4293915116

 4294636031

 4294963711

# Harmonies

## Analogous

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



4294697053



4290376052



4284480424

# Triad

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



4290376052



4278253055



4294945240

# Complementary

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



4290376052



4289492209

# 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.



4294948095



4290376052



4286571519

# Square

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



4290376052



4278255359



4294036479



4294947740

# Rectangle

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



4290376052



4278255570



4294036479



4294945774

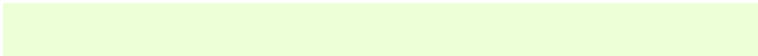


# Sweetspot

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



4290376052



4293787606



4294027892



4285890663



4278190080



4286611584



# Same Dimension

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



4290376052



4290314081



4286378356



4285692012



4284856320



4280236032



# Inverse Universe

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



4289492209



4289225215



4293489905



4285623416



4283564216



4279828536



# Previews

## White Background



This preview shows how the Android color 4290376052 looks on a white background.

## Color Contrast Check

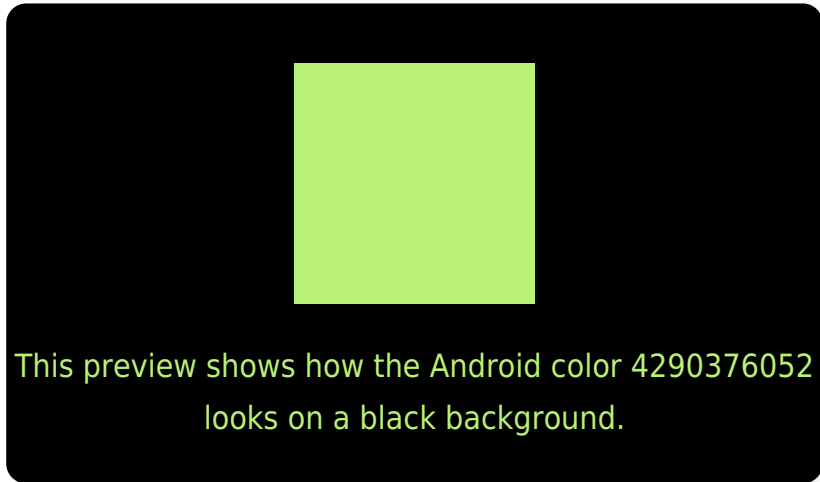
Large Text (above 18pt) WCAG AA × Fail

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 4290376052 Background



This preview shows how black text looks on a background with the Android color 4290376052.

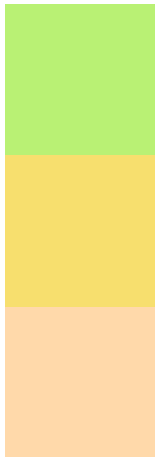


This preview shows how white text looks on a background with the Android color 4290376052.

# 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**  
4290376052

**Protanopia**  
4294434670

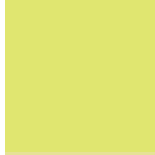
**Deuteranopia**  
4294957482



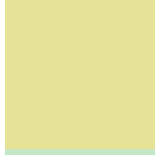
# Trichromacy



**Original Color**  
4290376052



**Protanomaly**  
4292929136



**Deuteranomaly**  
4293321366

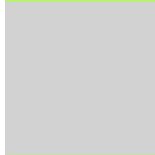


**Tritanomaly**  
4291094726

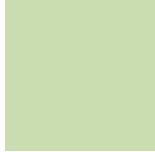
# Monochromacy



**Original Color**  
4290376052



**Achromatopsia**  
4292006610



**Achromatomaly**  
4291419568

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290376052 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(185, 241, 116)` looks like.

```
.text, #text, p{  
    color:rgb(185, 241, 116)  
}
```

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(185, 241, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 241, 116) }
```

## Border

The CSS property to change the border of an element to Android 4290376052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

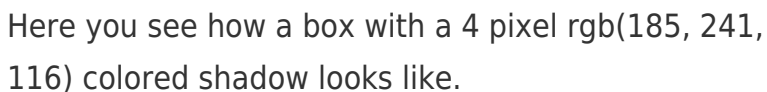
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 241, 116) }
```

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

```
.border{ border-color:rgb(185, 241, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 241, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 241, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 241, 116); box-shadow:4px 4px 4px 4px rgb(185, 241, 116) }
```

# Background

The CSS property to change the background color of an element to Android 4290376052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 241, 116) }
```

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

```
.background{ background-color: rgb(185,  
241, 116) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor