

# Converting Colors

Android(4290692936)

Have a look what the booklet for  
Android(4290692936) contains.

|  |    |
|--|----|
| <b>Android(4290692936)</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(4290692936)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BEC748                      |
| RGB         | 190, 199, 72                |
| RGB Percent | 75%, 78%, 28%               |
| CMY         | 0.2549, 0.2196, 0.7176      |
| CMYK        | 0.05, 0.00, 0.64, 0.22      |
| HSL         | 64°, 53%, 53%               |
| HSV         | 64°, 64%, 78%               |
| XYZ         | 42.8283, 52.2619, 13.9611   |
| YIQ         | 181.8310, 35.4030, -41.4050 |

# Conversions

## Conversions Part 2

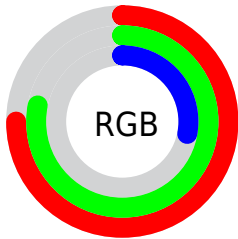
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">72, 199, 81</a>                |
| Decimal                             | <a href="#">12502856</a>                   |
| CIELab                              | <a href="#">77.44, -19.42, 60.25</a>       |
| CIELCh                              | <a href="#">77, 63.300, 107.867</a>        |
| Yxy                                 | <a href="#">52.2619, 0.3927, 0.4792</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290692936</a><br>(0xFFBEC748) |
| YUV                                 | <a href="#">181.8310, -54.1467, 7.1642</a> |
| Hunter-Lab                          | <a href="#">72.2924, -20.7625, 39.1545</a> |

# Details

The Android color **4290692936** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **4283517127**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4294573950**, and **4286943493** is the 20% darker color. If you saturate the color by 10%, you get **4290627380**, and if you desaturate by 10%, it is **4290758492**.

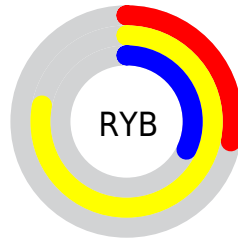
# Distribution



Red (75%)

Green (78%)

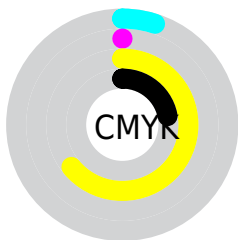
Blue (28%)



Red (28%)

Yellow (78%)

Blue (32%)

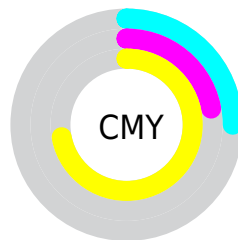


Cyan (5%)

Magenta (0%)

Yellow (64%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290692936 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 4290692936 by changing the saturation by 10% instead.





4290692936



4290692936

4294967295



4288785452



4294573950



4286943493



4294967194



4285167616



4294967222



4283457280



4294967250



4281681664



4294967279



4279972096



4278197504



4278190080



4290692936



4290692936

 4290627380

 4290758492

 4290496288

 4290889584


 4290430732


 4290955140

 4290365184


 4291086232

 4291151788

 4291217343

 4291348435

 4291413991

 4291545083

# Harmonies

## Analogous

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



4294227016



4290692936



4286239853

# Triad

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



4290692936



4278245631



4294938330

# Complementary

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



4290692936



4283517127

# 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.



4293894655



4290692936



4278242815

# Square

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



4290692936



4278246625



4288199167



4294938015

# Rectangle

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



4290692936



4281129361



4288199167



4294939629



# Sweetspot

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



4290692936



4294770639



4291252296



4286414946



4278190080



4286611584



# Same Dimension

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



4290692936



4294049595



4286564168



4284703578



4288193280



4280361984



# Inverse Universe

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



4283517127



4282989567



4287645895



4284111459



4278976675



4278386724



# Previews

## White Background



This preview shows how the Android color 4290692936 looks on a white background.

## Color Contrast Check

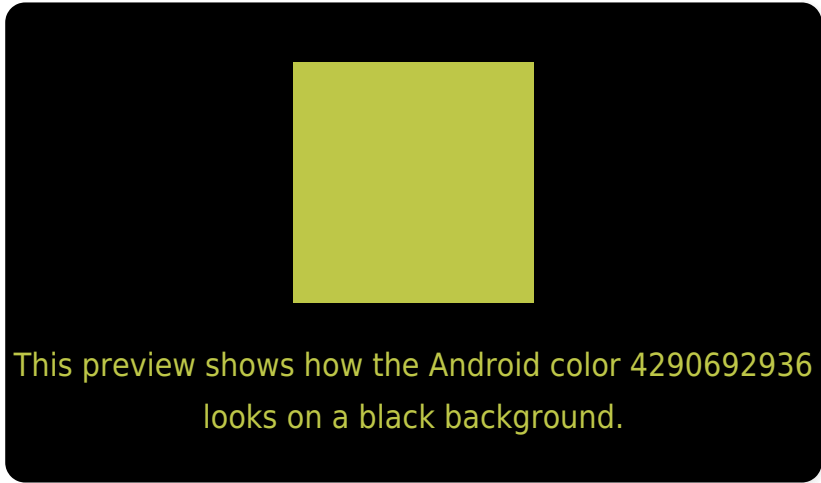
Large Text (above 18pt) WCAG AA × Fail

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 4290692936 Background



This preview shows how black text looks on a background with the Android color 4290692936.



This preview shows how white text looks on a background with the Android color 4290692936.

# 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**  
4290692936

**Protanopia**  
4292198214

**Deuteranopia**  
4293834318



**Tritanopia**  
4291541705

# Trichromacy



**Original Color**  
4290692936

**Protanomaly**  
4291674695

**Deuteranomaly**  
4292721740

**Tritanomaly**  
4291215258

# Monochromacy



**Original Color**  
4290692936

**Achromatopsia**  
4290164406

**Achromatomaly**  
4290362510

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290692936 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, 199, 72)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 72)  
}
```

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, 199, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 72) }
```

## Border

The CSS property to change the border of an element to Android 4290692936 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, 199, 72) }
```

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

```
.border{ border-color:rgb(190, 199, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 72);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4290692936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 72) }
```

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

```
.background{ background-color: rgb(190,  
199, 72) }
```

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