

# Converting Colors

Android(4291022685)

Have a look what the booklet for  
Android(4291022685) contains.

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# **Color**

**Android(4291022685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3CF5D
RGB	195, 207, 93
RGB Percent	76%, 81%, 36%
CMY	0.2353, 0.1882, 0.6353
CMYK	0.06, 0.00, 0.55, 0.19
HSL	66°, 54%, 59%
HSV	66°, 55%, 81%
XYZ	46.7943, 57.0181, 18.8952
YIQ	190.4160, 29.4420, -37.9980

# Conversions

## Conversions Part 2

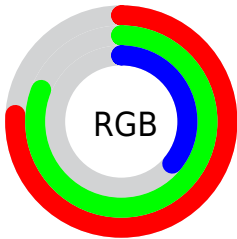
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 207, 105
Decimal	12832605
CIELab	80.19, -19.80, 54.29
CIELCh	80, 57.787, 110.039
Yxy	57.0181, 0.3813, 0.4647
Android (android.graphics.Color)	4291022685 (0xFFC3CF5D)
YUV	190.4160, -48.0261, 4.0202
Hunter-Lab	75.5103, -21.5253, 38.0209

# Details

The Android color **4291022685** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4285095375**, and the grayscale version is **4290756543**.

A 20% lighter version of the original color is **4294836115**, and **4287338791** is the 20% darker color. If you saturate the color by 10%, you get **4290891592**, and if you desaturate by 10%, it is **4291153778**.

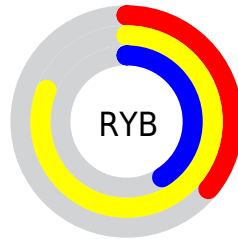
# Distribution



Red (76%)

Green (81%)

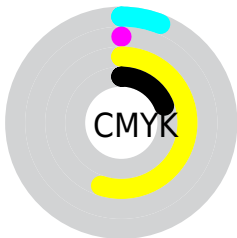
Blue (36%)



Red (36%)

Yellow (81%)

Blue (41%)

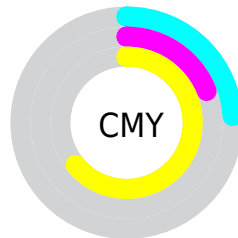


Cyan (6%)

Magenta (0%)

Yellow (55%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291022685 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 4291022685 by changing the saturation by 10% instead.





4291022685



4291022685

4294967295



4289180739



4294836115



4287338791



4294967214



4285562627



4294967242



4283786752



4294967271



4282142208



4280366848



4278526464



4278190336



4278190080

■ 4291022685

■ 4291022685

■ 4290891592

■ 4291153778

■ 4290760500

■ 4291284870

■ 4290563871

■ 4291481499

■ 4290432778

■ 4291612592

■ 4290367232

■ 4291743685

■ 4291874777

■ 4292005870

■ 4292136959

■ 4292333567

# Harmonies

## Analogous

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



4294360666



4291022685



4286897023

# Triad

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



4291022685



4278246911



4294941659

# Complementary

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



4291022685



4285095375

# 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.



4294487039



4291022685



4279358207

# Square

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



4291022685



4278248170



4289577215



4294941605

# Rectangle

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



4291022685



4282966176



4289577215



4294942701

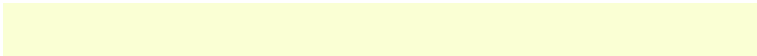


# Sweetspot

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



4291022685



4294639572



4291782749



4286414950



4278190080



4286611584



# Same Dimension

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



4291022685



4293787479



4287352669



4284967262



4288129024



4280625408



# Inverse Universe

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



4285095375



4285028351



4288765391



4284440169



4279369896



4278452265



# Previews

## White Background



This preview shows how the Android color 4291022685 looks on a white background.

## Color Contrast Check

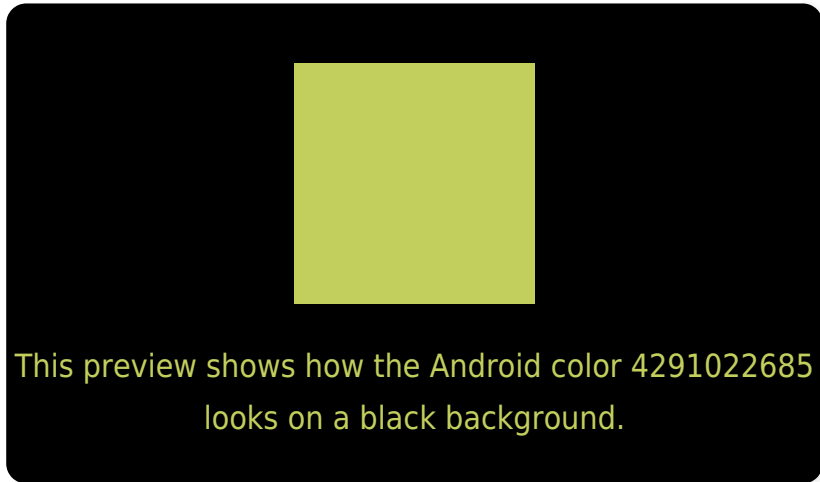
Large Text (above 18pt) WCAG AA × Fail

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 4291022685 Background



This preview shows how black text looks on a background with the Android color 4291022685.



This preview shows how white text looks on a background with the Android color 4291022685.

# 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





**Tritanopia**  
4291871698

# Trichromacy



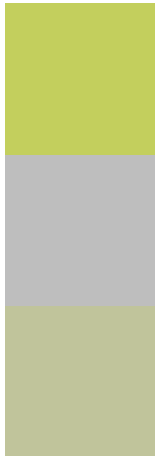
**Original Color**  
4291022685

**Protanomaly**  
4292069979

**Deuteranomaly**  
4293117024

**Tritanomaly**  
4291544999

# Monochromacy



**Original Color**  
4291022685

**Achromatopsia**  
4290690750

**Achromatomaly**  
4290823323

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291022685 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(195, 207, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 93)  
}
```

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(195, 207, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 93) }
```

## Border

The CSS property to change the border of an element to Android 4291022685 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(195, 207, 93) }
```

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

```
.border{ border-color:rgb(195, 207, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4291022685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 93) }
```

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

```
.background{ background-color: rgb(195,  
207, 93) }
```

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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