

# Converting Colors

Android(4291017236)

Have a look what the booklet for  
Android(4291017236) contains.

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**Color**

**Android(4291017236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BA14
RGB	195, 186, 20
RGB Percent	76%, 73%, 8%
CMY	0.2353, 0.2706, 0.9216
CMYK	0.00, 0.05, 0.90, 0.24
HSL	57°, 81%, 42%
HSV	57°, 90%, 76%
XYZ	40.1908, 46.7704, 7.5711
YIQ	169.7670, 58.6500, -49.7180

# Conversions

## Conversions Part 2

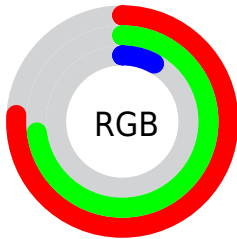
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 195, 20
Decimal	12827156
CIE Lab	74.04, -12.83, 73.00
CIE LCh	74, 74.121, 99.964
Yxy	46.7704, 0.4252, 0.4948
Android (android.graphics.Color)	4291017236 (0xFFC3BA14)
YUV	169.7670, -73.8351, 22.1293
Hunter-Lab	68.3889, -14.7795, 41.3084

# Details

The Android color **4291017236** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **4279508419**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294963799**, and **4287202560** is the 20% darker color. If you saturate the color by 10%, you get **4291016960**, and if you desaturate by 10%, it is **4291017511**.

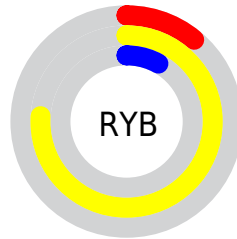
# Distribution



Red (76%)

Green (73%)

Blue (8%)



Red (11%)

Yellow (76%)

Blue (8%)

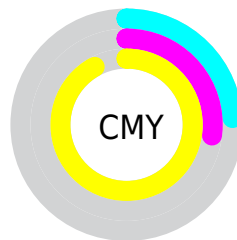


Cyan (0%)

Magenta (5%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291017236 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 4291017236 by changing the saturation by 10% instead.





4291017236



4291017236

4294967295



4289109760



4294963799



4287202560



4294967156



4285361152



4294967184



4283520000



4294967213



4281744640



4294967242



4280100864



4294967271



4278195456



4278190080



4291017236



4291017236

■ 4291016960

■ 4291017511

■ 4291017787

■ 4291018062

■ 4291018338

■ 4291018613

■ 4291018889

■ 4291019164

■ 4291019440

■ 4291019715

# Harmonies

## Analogous

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



4294812204



4291017236



4286106180

# Triad

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



4291017236



4278244607



4294933990

# Complementary

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



4291017236



4279508419

# 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.



4292254463



4291017236



4278242047

# Square

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



4291017236



4278245068



4282889983



4294931362

# Rectangle

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



4291017236



4279554414



4282889983



4294936059



# Sweetspot

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



4291017236



4294769080



4290974752



4286610775



4278190080



4286611584



# Same Dimension

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



4291017236



4294766336



4286038804



4284571735



4288780288



4280360704



# Inverse Universe

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



4279508419



4278193660



4284486851



4283914337



4278192289



4278190625



# Previews

## White Background



This preview shows how the Android color 4291017236 looks on a white background.

## Color Contrast Check

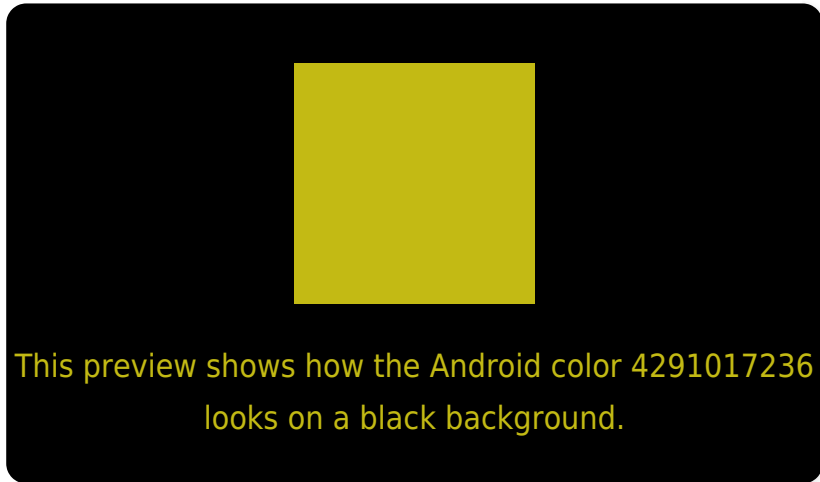
Large Text (above 18pt) WCAG AA × Fail

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 4291017236 Background



This preview shows how black text looks on a background with the Android color 4291017236.



This preview shows how white text looks on a background with the Android color 4291017236.

# 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**  
4291017236

**Protanopia**  
4291671571

**Deuteranopia**  
4293307680



**Tritanopia**  
4291800506

# Trichromacy



**Original Color**  
4291017236

**Protanomaly**  
4291409683

**Deuteranomaly**  
4292456988

**Tritanomaly**  
4291539582

# Monochromacy



**Original Color**  
4291017236

**Achromatopsia**  
4289374890

**Achromatomaly**  
4289966195

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291017236 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, 186, 20)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 20)  
}
```

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, 186, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 20) }
```

## Border

The CSS property to change the border of an element to Android 4291017236 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, 186, 20) }
```

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

```
.border{ border-color:rgb(195, 186, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 20);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4291017236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 20) }
```

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

```
.background{ background-color: rgb(195,  
186, 20) }
```

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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