

# Converting Colors

Android(4290232834)

Have a look what the booklet for  
Android(4290232834) contains.

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# **Color**

**Android(4290232834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C202
RGB	183, 194, 2
RGB Percent	72%, 76%, 1%
CMY	0.2824, 0.2392, 0.9922
CMYK	0.06, 0.00, 0.99, 0.24
HSL	63°, 98%, 38%
HSV	63°, 99%, 76%
XYZ	38.8312, 48.6552, 7.4022
YIQ	168.8230, 55.0760, -62.0440

# Conversions

## Conversions Part 2

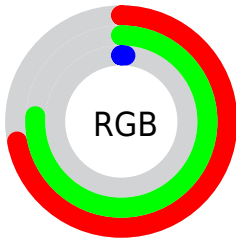
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 194, 13
Decimal	12042754
CIE <sub>Lab</sub>	75.24, -22.25, 75.68
CIE <sub>LCh</sub>	75, 78.881, 106.385
Yxy	48.6552, 0.4092, 0.5128
Android (android.graphics.Color)	4290232834 (0xFFB7C202)
YUV	168.8230, -82.2437, 12.4332
Hunter-Lab	69.7533, -22.6986, 42.5355

# Details

The Android color **4290232834** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4279042754**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294179411**, and **4286418176** is the 20% darker color. If you saturate the color by 10%, you get **4290232832**, and if you desaturate by 10%, it is **4290298389**.

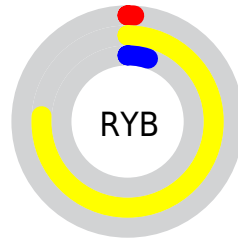
# Distribution



Red (72%)

Green (76%)

Blue (1%)



Red (1%)

Yellow (76%)

Blue (5%)

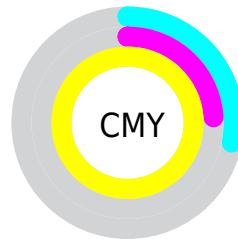


Cyan (6%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290232834 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 4290232834 by changing the saturation by 10% instead.





4290232834



4290232834

4294967295



4288325376



4294179411



4286418176



4294967152



4284642048



4294967180



4282800896



4294967209



4280959744



4294967238



4279184640



4294967268



4278196992



4278190080



4290232834



4290232834

■ 4290232832

■ 4290298389

■ 4290363945

■ 4290429500

■ 4290495056

■ 4290626147

■ 4290691702

■ 4290757258

■ 4290822813

■ 4290888369

# Harmonies

## Analogous

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



4294486545



4290232834



4284469581

# Triad

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



4290232834



4278245375



4294931934

# Complementary

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



4290232834



4279042754

# 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.



4293825535



4290232834



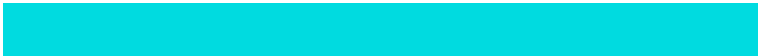
4278242303

# Square

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



4290232834



4278246368



4285576447



4294931093

# Rectangle

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



4290232834



4278245244



4285576447



4294934261



# Sweetspot

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



4290232834



4294507697



4290907138



4286414930



4278190080



4286611584



# Same Dimension

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



4290232834



4293852160



4284006914



4284506455



4288127232



4280230144



# Inverse Universe

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



4279042754



4279107836



4285268674



4283979617



4278780065



4278321185



# Previews

## White Background



This preview shows how the Android color 4290232834 looks on a white background.

## Color Contrast Check

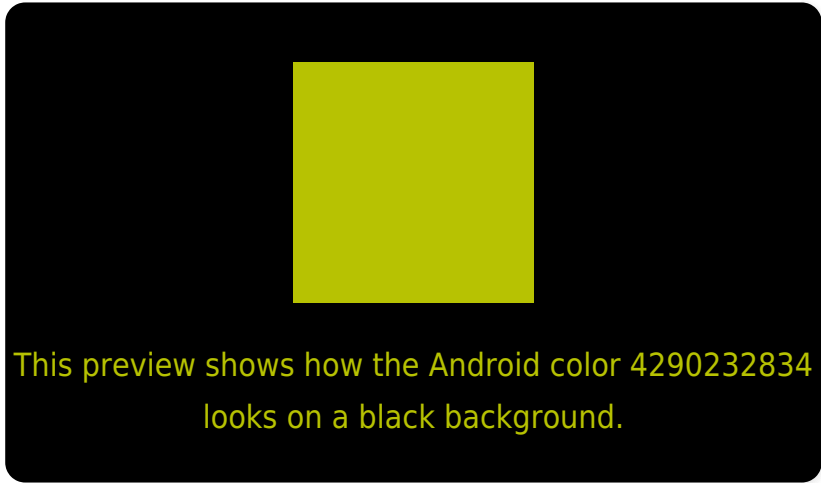
Large Text (above 18pt) WCAG AA × Fail

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 4290232834 Background



This preview shows how black text looks on a background with the Android color 4290232834.



This preview shows how white text looks on a background with the Android color 4290232834.

# 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**  
4290232834

**Protanopia**  
4291934720

**Deuteranopia**  
4293570591



**Tritanopia**  
4291146946

# Trichromacy



**Original Color**  
4290232834

**Protanomaly**  
4291345665

**Deuteranomaly**  
4292327188

**Tritanomaly**  
4290820476

# Monochromacy



**Original Color**  
4290232834

**Achromatopsia**  
4289309097

**Achromatomaly**  
4289639020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290232834 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(183, 194, 2)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 2)  
}
```

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(183, 194, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 2) }
```

## Border

The CSS property to change the border of an element to Android 4290232834 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(183, 194, 2) }
```

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

```
.border{ border-color:rgb(183, 194, 2) }
```

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

Here you see how a box with a 4 pixel rgb(183, 194, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 2);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
2) }
```

# Background

The CSS property to change the background color of an element to Android 4290232834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 2) }
```

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

```
.background{ background-color: rgb(183,  
194, 2) }
```

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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