

# Converting Colors

Android(4290890240)

Have a look what the booklet for  
Android(4290890240) contains.

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# **Color**

**Android(4290890240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1CA00
RGB	193, 202, 0
RGB Percent	76%, 79%, 0%
CMY	0.2431, 0.2078, 1.0000
CMYK	0.04, 0.00, 1.00, 0.21
HSL	63°, 100%, 40%
HSV	63°, 100%, 79%
XYZ	43.1128, 53.5785, 8.0694
YIQ	176.2810, 59.4780, -64.7300

# Conversions

## Conversions Part 2

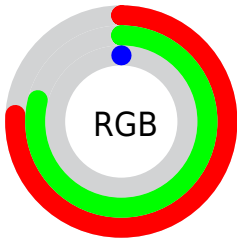
Format	Color
<a href="#">RYB</a>	<a href="#">0, 202, 9</a>
Decimal	<a href="#">12700160</a>
CIELab	<a href="#">78.22, -21.93, 78.43</a>
CIELCh	<a href="#">78, 81.439, 105.620</a>
Yxy	<a href="#">53.5785, 0.4115, 0.5114</a>
Android (android.graphics.Color)	<a href="#">4290890240 (0xFFC1CA00)</a>
YUV	<a href="#">176.2810, -86.9065, 14.6626</a>
Hunter-Lab	<a href="#">73.1973, -22.9598, 44.7019</a>

# Details

The Android color **4290890240** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4278780106**, and the grayscale version is **4289835441**.

A 20% lighter version of the original color is **4294836052**, and **4287075328** is the 20% darker color. If you saturate the color by 10%, you get **4290890240**, and if you desaturate by 10%, it is **4290955796**.

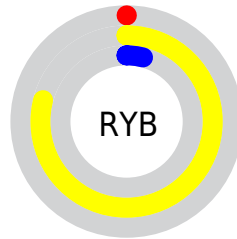
# Distribution



Red (76%)

Green (79%)

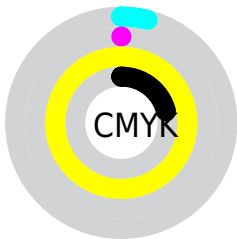
Blue (0%)



Red (0%)

Yellow (79%)

Blue (4%)

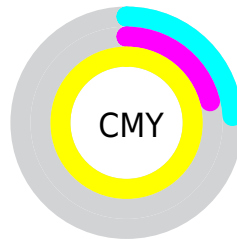


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (24%)

Magenta (21%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290890240 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 4290890240 by changing the saturation by 10% instead.



 4290890240

 4290890240

4294967295

 4288982784

 4294836052

 4287075328

 4294967153

 4285168384

 4294967182

 4283326976

 4294967211

 4281551360

 4294967240

 4279776000

 4294967270

 4278198016


 4278190080

 4290890240


 4290955796

 4291021352

 4291086909

 4291152465

 4291218021

 4291218041

 4291283597

 4291349154

 4291414710

# Harmonies

## Analogous

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



4294947093



4290890240



4284996175

# Triad

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



4290890240



4278247935



4294933481

# Complementary

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



4290890240



4278780106

# 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.



4294417407



4290890240



4278244607

# Square

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



4290890240



4278248936



4285513215



4294932125

# Rectangle

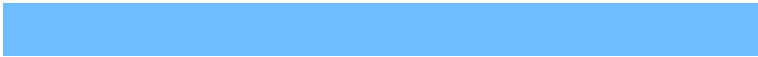
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4290890240



4278247551



4285513215



4294935807



# Sweetspot

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



4290890240



4294770611



4291430144



4286414930



4278190080



4286611584



# Same Dimension

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



4290890240



4294246144



4284402176



4284900956



4288587264



4280624640



# Inverse Universe

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



4278780106



4278911231



4285268170



4284243046



4278648998



4278321190



# Previews

## White Background



This preview shows how the Android color 4290890240 looks on a white background.

## Color Contrast Check

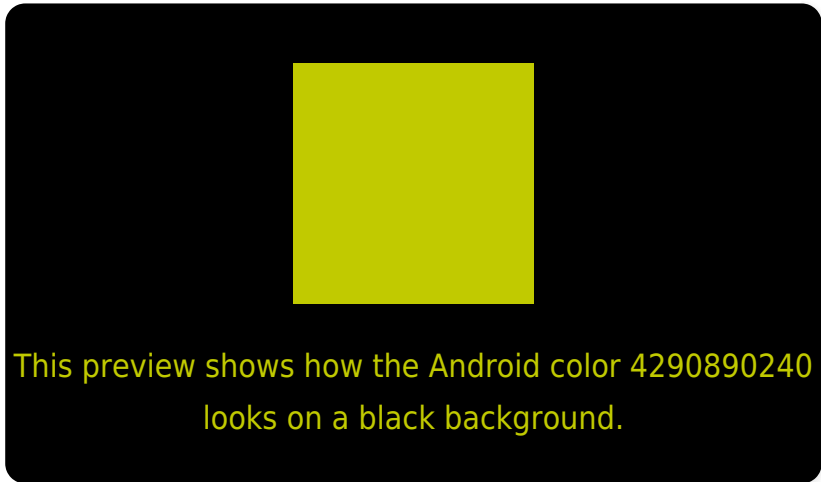
Large Text (above 18pt) WCAG AA × Fail

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 4290890240 Background



This preview shows how black text looks on a background with the Android color 4290890240.

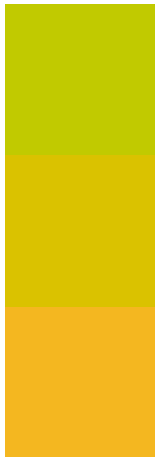


This preview shows how white text looks on a background with the Android color 4290890240.

# 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**  
4290890240

**Protanopia**  
4292526592

**Deuteranopia**  
4294227744



**Tritanopia**  
4291804362

# Trichromacy



**Original Color**  
4290890240

**Protanomaly**  
4291937536

**Deuteranomaly**  
4292984340

**Tritanomaly**  
4291477889

# Monochromacy



**Original Color**  
4290890240

**Achromatopsia**  
4289769648

**Achromatomaly**  
4290165104

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290890240 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(193, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 0)  
}
```

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(193, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 0) }
```

## Border

The CSS property to change the border of an element to Android 4290890240 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(193, 202, 0) }
```

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

```
.border{ border-color:rgb(193, 202, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 202, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4290890240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 0) }
```

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

```
.background{ background-color: rgb(193,  
202, 0) }
```

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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