

# Converting Colors

Android(4290889220)

Have a look what the booklet for  
Android(4290889220) contains.

<b>Android(4290889220)</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(4290889220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1C604
RGB	193, 198, 4
RGB Percent	76%, 78%, 2%
CMY	0.2431, 0.2235, 0.9843
CMYK	0.03, 0.00, 0.98, 0.22
HSL	62°, 96%, 40%
HSV	62°, 98%, 78%
XYZ	42.2083, 51.7344, 7.8760
YIQ	174.3890, 59.2940, -61.3940

# Conversions

## Conversions Part 2

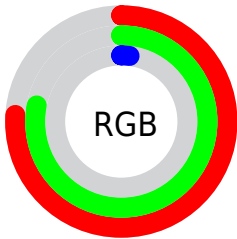
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">4, 198, 9</a>
Decimal	<a href="#">12699140</a>
CIELab	<a href="#">77.12, -19.92, 77.22</a>
CIElCh	<a href="#">77, 79.751, 104.465</a>
Yxy	<a href="#">51.7344, 0.4145, 0.5081</a>
Android (android.graphics.Color)	<a href="#">4290889220 (0xFFC1C604)</a>
YUV	<a href="#">174.3890, -84.0018, 16.3218</a>
Hunter-Lab	<a href="#">71.9266, -21.1234, 43.8564</a>

# Details

The Android color `4290889220` 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 `4278781126`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4294835796`, and `4287074304` is the 20% darker color. If you saturate the color by 10%, you get `4290889216`, and if you desaturate by 10%, it is `4290954776`.

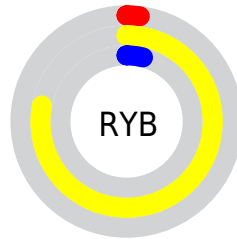
# Distribution



Red (76%)

Green (78%)

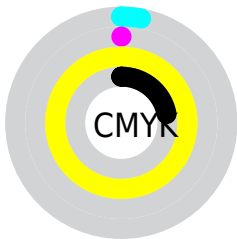
Blue (2%)



Red (2%)

Yellow (78%)

Blue (4%)

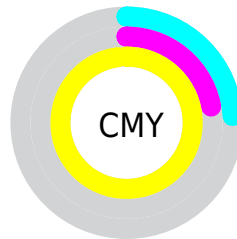


Cyan (3%)

Magenta (0%)

Yellow (98%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290889220 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 4290889220 by changing the saturation by 10% instead.





4290889220



4290889220

4294967295



4288981760



4294835796



4287074304



4294967154



4285232896



4294967182



4283391488



4294967211



4281550592



4294967240



4279840768



4294967270



4278197504



4278190080



4290889220



4290889220

■ 4290889216

■ 4290954776

■ 4290954796

■ 4291020351

■ 4291020371

■ 4291085927

■ 4291085947

■ 4291151503

■ 4291151522

■ 4291217078

# Harmonies

## Analogous

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



4294946075



4290889220



4285257292

# Triad

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



4290889220



4278246911



4294933480

# Complementary

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



4290889220



4278781126

# 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.



4293892863



4290889220



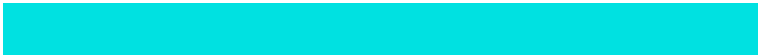
4278244095

# Square

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



4290889220



4278247905



4284988415



4294931870

# Rectangle

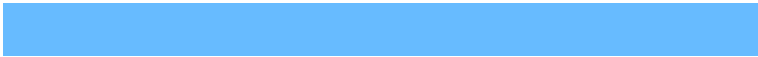
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4290889220



4278246523



4284988415



4294935807



# Sweetspot

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



4290889220



4294836149



4291168004



4286480467



4278190080



4286611584



# Same Dimension

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



4290889220



4294508288



4284663300



4284703578



4288652032



4280493056



# Inverse Universe

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



4278781126



4278649087



4285007046



4284111459



4278452387

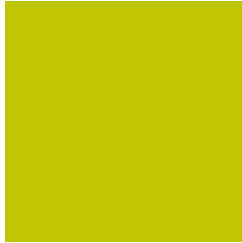


4278255652



# Previews

## White Background



This preview shows how the Android color 4290889220 looks on a white background.

## Color Contrast Check

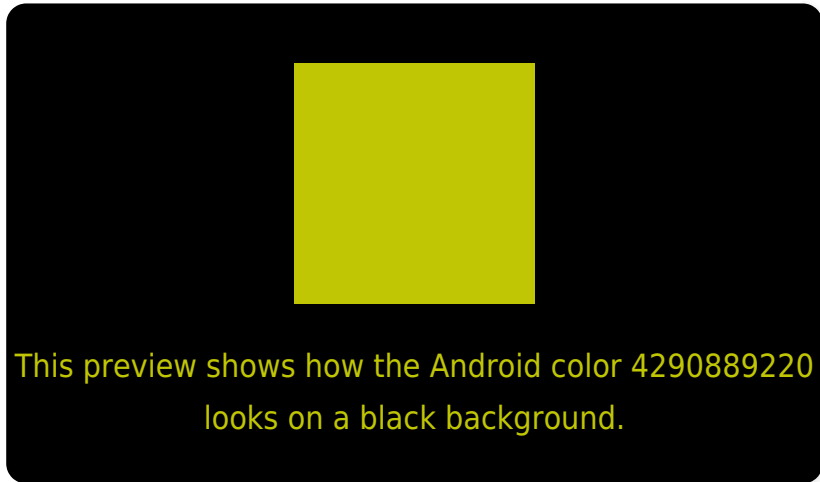
Large Text (above 18pt) WCAG AA × Fail

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 4290889220 Background



This preview shows how black text looks on a background with the Android color 4290889220.



This preview shows how white text looks on a background with the Android color 4290889220.

# 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**  
4290889220

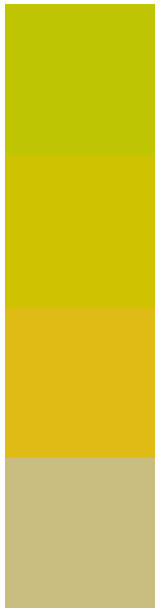
**Protanopia**  
4292329216

**Deuteranopia**  
4293964831



**Tritanopia**  
4291737798

# Trichromacy



**Original Color**  
4290889220

**Protanomaly**  
4291805697

**Deuteranomaly**  
4292852501

**Tritanomaly**  
4291411327

# Monochromacy



**Original Color**  
4290889220

**Achromatopsia**  
4289638062

**Achromatomaly**  
4290099056

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290889220 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, 198, 4)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 4)  
}
```

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, 198, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 4) }
```

## Border

The CSS property to change the border of an element to Android 4290889220 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, 198, 4) }
```

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

```
.border{ border-color:rgb(193, 198, 4) }
```

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

Here you see how a box with a 4 pixel rgb(193, 198, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 4);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
4) }
```

# Background

The CSS property to change the background color of an element to Android 4290889220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 4) }
```

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

```
.background{ background-color: rgb(193,  
198, 4) }
```

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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