

# Converting Colors

Android(4291671090)

Have a look what the booklet for  
Android(4291671090) contains.

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# **Color**

**Android(4291671090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB432
RGB	205, 180, 50
RGB Percent	80%, 71%, 20%
CMY	0.1961, 0.2941, 0.8039
CMYK	0.00, 0.12, 0.76, 0.20
HSL	50°, 61%, 50%
HSV	50°, 76%, 80%
XYZ	42.0738, 45.8519, 9.6504
YIQ	172.6550, 56.6300, -35.1300

# Conversions

## Conversions Part 2

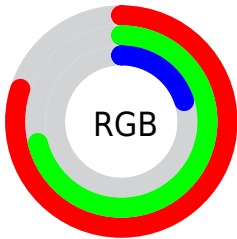
Format	Color
<b>RYB</b>	80, 205, 50
Decimal	13481010
CIELab	73.45, -4.50, 65.05
CIELCh	73, 65.207, 93.954
Yxy	45.8519, 0.4312, 0.4699
Android (android.graphics.Color)	4291671090 (0xFFCDB432)
YUV	172.6550, -60.4689, 28.3666
Hunter-Lab	67.7141, -7.5895, 38.9500

# Details

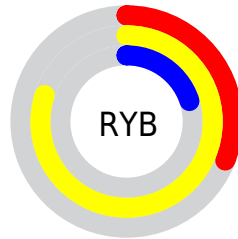
The Android color **4291671090** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **4281486285**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294962026**, and **4287856640** is the 20% darker color. If you saturate the color by 10%, you get **4291670302**, and if you desaturate by 10%, it is **4291671878**.

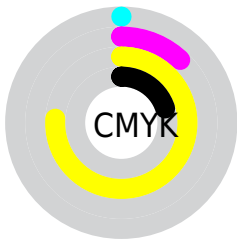
# Distribution



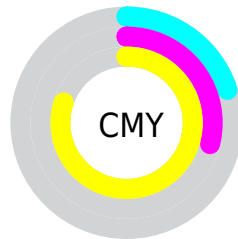
- Red (80%)
- Green (71%)
- Blue (20%)



- Red (31%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (76%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291671090 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 4291671090 by changing the saturation by 10% instead.



 4291671090

 4291671090

4294967295

 4289763598

 4294962026

 4287856640

 4294967173

 4285949696

 4294967201

 4284174080

 4294967229

 4282398976


 4294967258

 4280754944

 4294967288

 4278718208


 4278190080

 4291671090

 4291671090

 4291670302

 4291671878

 4291669257

 4291672923

 4291668992


 4291673712


 4291674500

 4291675545

 4291676333

 4291677122

 4291677910

 4291678955

# Harmonies

## Analogous

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



4294811207



4291671090



4287611978

# Triad

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



4291671090



4278243574



4294937066

# Complementary

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



4291671090



4281486285

# 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.



4290879999



4291671090



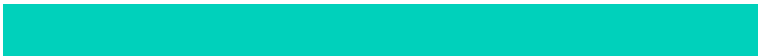
4278241535

# Square

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



4291671090



4278243771



4282038783



4294933935

# Rectangle

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



4291671090



4284009323



4282038783



4294086908



# Sweetspot

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



4291671090



4294964932



4291637836



4286610012



4278190080



4286611584



# Same Dimension

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



4291671090



4294957591



4288269618



4284900444



4289104640



4280688640



# Inverse Universe

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



4281486285



4279713023



4284887757



4284243302



4278197158



4278191654



# Previews

## White Background



This preview shows how the Android color 4291671090 looks on a white background.

## Color Contrast Check

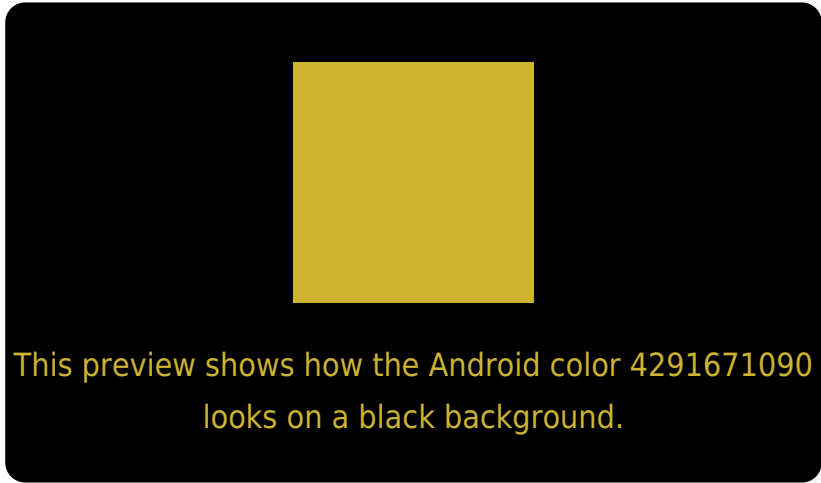
Large Text (above 18pt) WCAG AA × Fail

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 4291671090 Background



This preview shows how black text looks on a background with the Android color 4291671090.



This preview shows how white text looks on a background with the Android color 4291671090.

# 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**  
4291671090

**Protanopia**  
4291540274

**Deuteranopia**  
4293045046



**Tritanopia**  
4292323509

# Trichromacy



**Original Color**  
4291671090

**Protanomaly**  
4291605810

**Deuteranomaly**  
4292521525

**Tritanomaly**  
4292062341

# Monochromacy



**Original Color**  
4291671090

**Achromatopsia**  
4289572269

**Achromatomaly**  
4290359424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291671090 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(205, 180, 50)` looks like.

```
.text, #text, p{  
    color:rgb(205, 180, 50)  
}
```

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(205, 180, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 180, 50) }
```

## Border

The CSS property to change the border of an element to Android 4291671090 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".

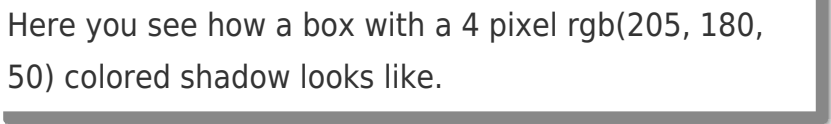
```
.border, #border, table{ border:4px solid rgb(205, 180, 50) }
```

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

```
.border{ border-color:rgb(205, 180, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 180, 50)` colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 180, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 180, 50);  
box-shadow:4px 4px 4px 4px rgb(205, 180,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4291671090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 180, 50) }
```

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

```
.background{ background-color: rgb(205,  
180, 50) }
```

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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