

# Converting Colors

Android(4291661884)

Have a look what the booklet for  
Android(4291661884) contains.

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# **Color**

**Android(4291661884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD903C
RGB	205, 144, 60
RGB Percent	80%, 56%, 24%
CMY	0.1961, 0.4353, 0.7647
CMYK	0.00, 0.30, 0.71, 0.20
HSL	35°, 59%, 52%
HSV	35°, 71%, 80%
XYZ	35.9657, 33.2519, 8.7976
YIQ	152.6630, 63.3200, -13.1920

# Conversions

## Conversions Part 2

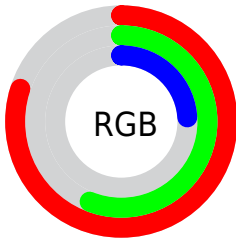
Format	Color
<a href="#">RYB</a>	<a href="#">165, 205, 60</a>
Decimal	<a href="#">13471804</a>
<a href="#">CIE Lab</a>	<a href="#">64.36, 15.25, 52.10</a>
<a href="#">CIE LCh</a>	<a href="#">64, 54.282, 73.683</a>
<a href="#">Yxy</a>	<a href="#">33.2519, 0.4610, 0.4262</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291661884 (0xFFCD903C)</a>
<a href="#">YUV</a>	<a href="#">152.6630, -45.6829, 45.8995</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.6645, 10.4188, 31.3195</a>

# Details

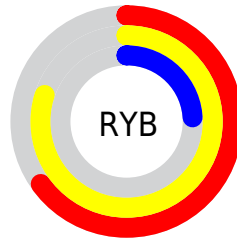
The Android color **4291661884** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4282153421**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4294952559**, and **4287782401** is the 20% darker color. If you saturate the color by 10%, you get **4291659559**, and if you desaturate by 10%, it is **4291664209**.

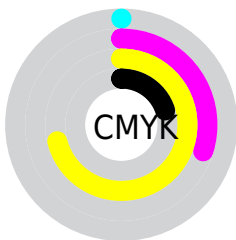
# Distribution



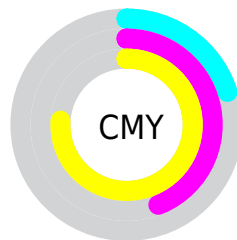
- Red (80%)
- Green (56%)
- Blue (24%)



- Red (65%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291661884 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 4291661884 by changing the saturation by 10% instead.





4291661884



4291661884

4294967295



4289689122



4294952559



4287782401



4294959754



4285941248



4294966949



4284100608



4294967233



4282325760



4294967261



4280681216



4294967290



4278190080



4291661884




4291661884




4291659559



4291664209

 4291657491

 4291666277

 4291655424

 4291668602

 4291670670

 4291672995

 4291675319

 4291677388

 4291679712

 4291682037

# Harmonies

## Analogous

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



4293623387



4291661884



4288847927

# Triad

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



4291661884



4278236337



4290545379

# Complementary

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



4291661884



4282153421

# 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.



4285438714



4291661884



4278235614

# Square

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



4291661884



4278235775



4278233593



4293359033

# Rectangle

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



4291661884



4286556487



4278233593



4289105389



# Sweetspot

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



4291661884



4294961353



4291640443



4286607968



4278190080



4286611584



# Same Dimension

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



4291661884



4294943782



4291022140



4284899932



4289093632



4280686080



# Inverse Universe

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



4282153421



4280713727



4282793165



4284244070



4278208166

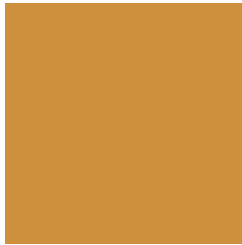


4278194214



# Previews

## White Background



This preview shows how the Android color 4291661884 looks on a white background.

## Color Contrast Check

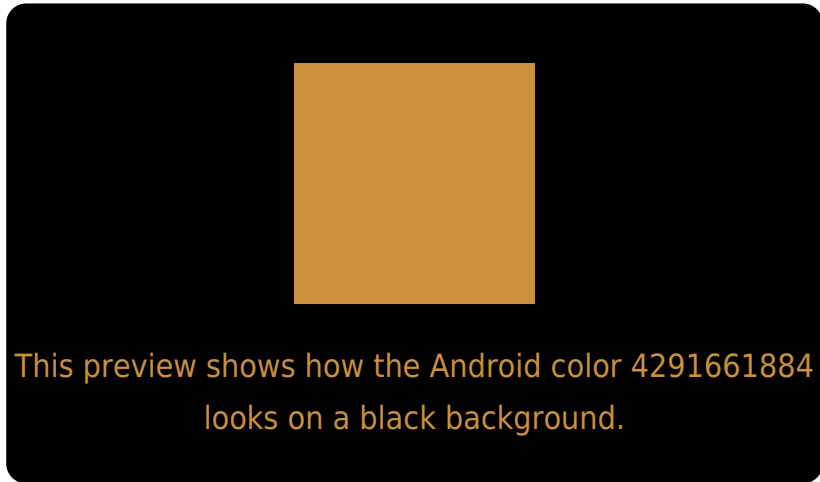
Large Text (above 18pt) WCAG AA × Fail

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

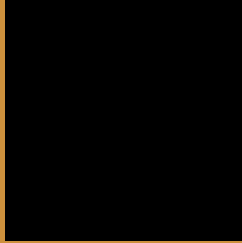
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291661884 Background



This preview shows how black text looks on a background with the Android color 4291661884.



This preview shows how white text looks on a background with the Android color 4291661884.

# 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**  
4291661884

**Protanopia**  
4289633600

**Deuteranopia**  
4291007803



**Tritanopia**  
4292052881

# Trichromacy



**Original Color**  
4291661884

**Protanomaly**  
4290353215

**Deuteranomaly**  
4291269435

**Tritanomaly**  
4291922546

# Monochromacy



**Original Color**  
4291661884

**Achromatopsia**  
4288256409

**Achromatomaly**  
4289500791

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291661884 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, 144, 60)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 60)  
}
```

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, 144, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 60) }
```

## Border

The CSS property to change the border of an element to Android 4291661884 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, 144, 60) }
```

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

```
.border{ border-color:rgb(205, 144, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 144, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 144, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 144, 60);  
box-shadow:4px 4px 4px 4px rgb(205, 144,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4291661884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 60) }
```

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

```
.background{ background-color: rgb(205,  
144, 60) }
```

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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