

# Converting Colors

Android(4290874898)

Have a look what the booklet for  
Android(4290874898) contains.

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# **Color**

**Android(4290874898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C18E12
RGB	193, 142, 18
RGB Percent	76%, 56%, 7%
CMY	0.2431, 0.4431, 0.9294
CMYK	0.00, 0.26, 0.91, 0.24
HSL	43°, 83%, 41%
HSV	43°, 91%, 76%
XYZ	31.7745, 30.7271, 4.8285
YIQ	143.1130, 70.2000, -27.7520

# Conversions

## Conversions Part 2

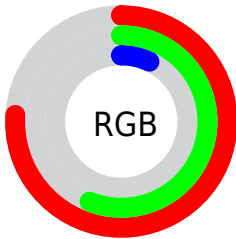
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 193, 18
Decimal	12684818
CIE <sub>Lab</sub>	62.28, 9.62, 64.17
CIE <sub>LCh</sub>	62, 64.885, 81.476
Yxy	30.7271, 0.4719, 0.4564
Android (android.graphics.Color)	4290874898 (0xFFC18E12)
YUV	143.1130, -61.6807, 43.7509
Hunter-Lab	55.4321, 5.3128, 33.6379

# Details

The Android color **4290874898** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4279387585**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4294886223**, and **4286995456** is the 20% darker color. If you saturate the color by 10%, you get **4290873600**, and if you desaturate by 10%, it is **4290876453**.

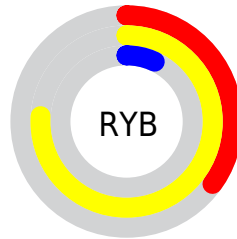
# Distribution



Red (76%)

Green (56%)

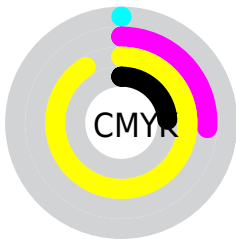
Blue (7%)



Red (35%)

Yellow (76%)

Blue (7%)

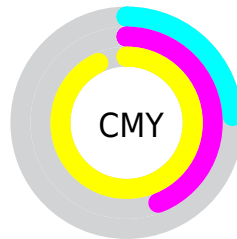


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290874898 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 4290874898 by changing the saturation by 10% instead.





4290874898



4290874898

4294967295



4288902400



4294886223



4286995456



4294958954



4285154560



4294966405



4283313920



4294967201



4281604608



4294967229



4280025088



4294967258



4278190080



4294967287



4290874898



4290874898

■ 4290873600

■ 4290876453

■ 4290877753

■ 4290879308

■ 4290880607

■ 4290882163

■ 4290883718

■ 4290885017

■ 4290886572

■ 4290888128

# Harmonies

## Analogous

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



4293490237



4290874898



4287340570

# Triad

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



4290874898



4278235583



4291589343

# Complementary

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



4290874898



4279387585

# 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.



4285959935



4290874898



4278234608

# Square

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



4290874898



4278235524



4278231807



4294336682

# Rectangle

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



4290874898



4284393529



4278231807



4290084333

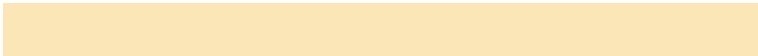


# Sweetspot

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



4290874898



4294633142



4290843207



4286411093



4294769916



4286414205



# Same Dimension

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



4290874898



4294619392



4288594194



4284571223



4288770560



4280358656



# Inverse Universe

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



4279387585



4278209018



4281668289



4283914849



4278202273



4278192673



# Previews

## White Background



This preview shows how the Android color 4290874898 looks on a white background.

## Color Contrast Check

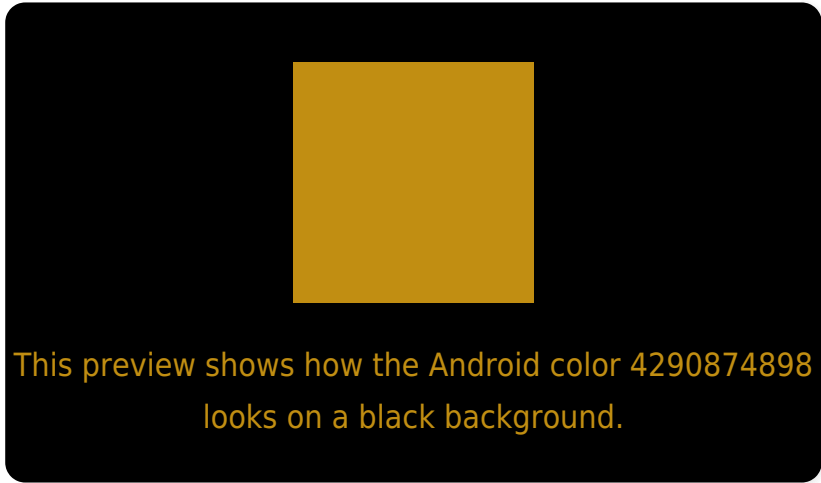
Large Text (above 18pt) WCAG AA × Fail

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 4290874898 Background



This preview shows how black text looks on a background with the Android color 4290874898.



This preview shows how white text looks on a background with the Android color 4290874898.

# 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**  
4290874898

**Protanopia**  
4289369877

**Deuteranopia**  
4290744081



**Tritanopia**  
4291331214

# Trichromacy



**Original Color**  
4290874898

**Protanomaly**  
4289893396

**Deuteranomaly**  
4290809617

**Tritanomaly**  
4291135585

# Monochromacy



**Original Color**  
4290874898

**Achromatopsia**  
4287598479

**Achromatomaly**  
4288778082

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290874898 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, 142, 18)` looks like.

```
.text, #text, p{  
    color:rgb(193, 142, 18)  
}
```

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, 142, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 142, 18) }
```

## Border

The CSS property to change the border of an element to Android 4290874898 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, 142, 18) }
```

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

```
.border{ border-color:rgb(193, 142, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 142, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 142, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 142, 18);  
box-shadow:4px 4px 4px 4px rgb(193, 142,  
18) }
```

# Background

The CSS property to change the background color of an element to Android 4290874898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 142, 18) }
```

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

```
.background{ background-color: rgb(193,  
142, 18) }
```

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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