

# Converting Colors

Android(4291138816)

Have a look what the booklet for  
Android(4291138816) contains.

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# **Color**

**Android(4291138816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59500
RGB	197, 149, 0
RGB Percent	77%, 58%, 0%
CMY	0.2275, 0.4157, 1.0000
CMYK	0.00, 0.24, 1.00, 0.23
HSL	45°, 100%, 39%
HSV	45°, 100%, 77%
XYZ	33.7734, 33.3652, 4.6601
YIQ	146.3660, 76.4370, -36.1630

# Conversions

## Conversions Part 2

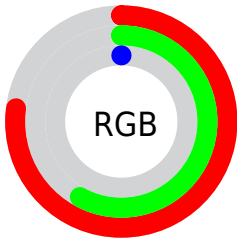
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	63, 197, 0
Decimal	12948736
CIELab	64.46, 7.35, 68.76
CIELCh	64, 69.150, 83.895
Yxy	33.3652, 0.4704, 0.4647
Android (android.graphics.Color)	4291138816 (0xFFC59500)
YUV	146.3660, -72.1584, 44.4060
Hunter-Lab	57.7626, 3.2831, 35.6505

# Details

The Android color **4291138816** 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 **4278202565**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294953802**, and **4287259392** is the 20% darker color. If you saturate the color by 10%, you get **4291138816**, and if you desaturate by 10%, it is **4291140116**.

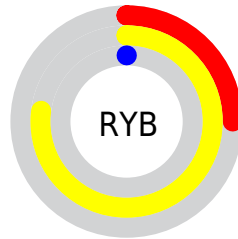
# Distribution



Red (77%)

Green (58%)

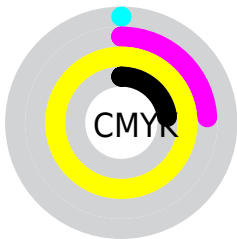
Blue (0%)



Red (25%)

Yellow (77%)

Blue (0%)

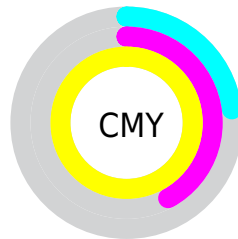


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (42%)

Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291138816 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 4291138816 by changing the saturation by 10% instead.



 4291138816

 4291138816

4294967295

 4289166080

 4294953802

 4287259392

 4294960997

 4285352704

 4294967169

 4283512064

 4294967197

 4281802752

 4294967225


 4280224256

 4294967254


 4278190080


 4294967283


 4291138816

 4291140116

 4291141415

 4291142459


 4291143759

 4291145059

 4291146358

 4291147658

 4291148702

 4291150001

# Harmonies

## Analogous

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



4294016055



4291138816



4287277077

# Triad

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



4291138816



4278237645



4292507110

# Complementary

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



4291138816



4278202565

# 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.



4286812671



4291138816



4278236415

# Square

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



4291138816



4278237325



4278233087



4294926252

# Rectangle

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



4291138816



4284002363



4278233087



4291002358



# Sweetspot

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



4291138816



4294962355



4291100721



4286608466



4278190080



4286611584



# Same Dimension

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



4291138816



4294951168



4287939840



4284703066



4288903936



4280556288



# Inverse Universe

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



4278202565



4278206207



4281401541



4284111971



4278200483

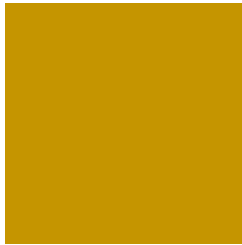


4278192420



# Previews

## White Background



This preview shows how the Android color 4291138816 looks on a white background.

## Color Contrast Check

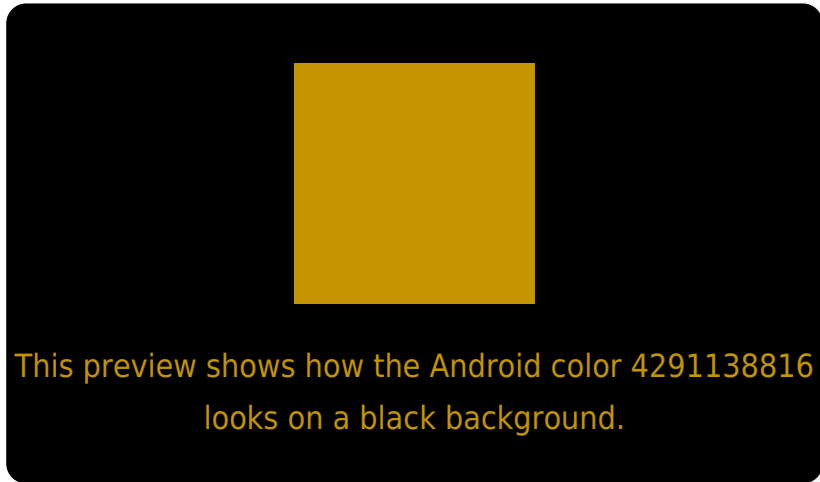
Large Text (above 18pt) WCAG AA × Fail

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 4291138816 Background



This preview shows how black text looks on a background with the Android color 4291138816.



This preview shows how white text looks on a background with the Android color 4291138816.

# 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**  
4291138816

**Protanopia**  
4289830155

**Deuteranopia**  
4291204101



**Tritanopia**  
4291594901

# Trichromacy



**Original Color**  
4291138816

**Protanomaly**  
4290288135

**Deuteranomaly**  
4291204099

**Tritanomaly**  
4291399263

# Monochromacy



**Original Color**  
4291138816

**Achromatopsia**  
4287795858

**Achromatomaly**  
4289041245

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291138816 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(197, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 149, 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(197, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291138816 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(197, 149, 0) }
```

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

```
.border{ border-color:rgb(197, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 149,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291138816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 0) }
```

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

```
.background{ background-color: rgb(197,  
149, 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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