

# Converting Colors

Android(4292385041)

Have a look what the booklet for  
Android(4292385041) contains.

<b>Android(4292385041)</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(4292385041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D89911
RGB	216, 153, 17
RGB Percent	85%, 60%, 7%
CMY	0.1529, 0.4000, 0.9333
CMYK	0.00, 0.29, 0.92, 0.15
HSL	41°, 85%, 46%
HSV	41°, 92%, 85%
XYZ	39.8113, 37.4219, 5.6552
YIQ	156.3330, 81.2040, -28.9400

# Conversions

## Conversions Part 2

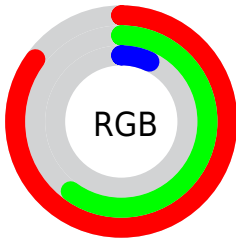
Format	Color
<a href="#">RYB</a>	<a href="#">109, 216, 17</a>
Decimal	<a href="#">14194961</a>
CIELab	<a href="#">67.59, 13.79, 69.50</a>
CIELCh	<a href="#">68, 70.859, 78.776</a>
Yxy	<a href="#">37.4219, 0.4803, 0.4515</a>
Android (android.graphics.Color)	<a href="#">4292385041 (0xFFD89911)</a>
YUV	<a href="#">156.3330, -68.6912, 52.3280</a>
Hunter-Lab	<a href="#">61.1734, 9.1133, 37.3403</a>

# Details

The Android color **4292385041** 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 **4279324888**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4294954833**, and **4288439808** is the 20% darker color. If you saturate the color by 10%, you get **4292383744**, and if you desaturate by 10%, it is **4292386855**.

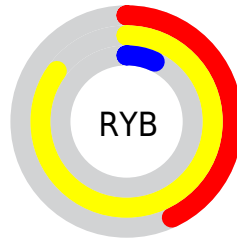
# Distribution



Red (85%)

Green (60%)

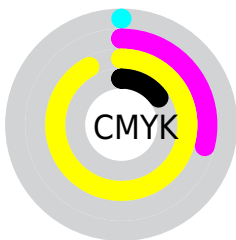
Blue (7%)



Red (43%)

Yellow (85%)

Blue (7%)

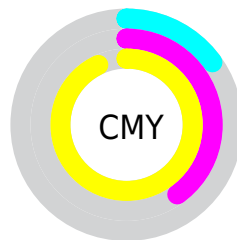


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292385041 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 4292385041 by changing the saturation by 10% instead.





4292385041



4292385041

4294967295



4290412288



4294954833



4288439808



4294962029



4286467584



4294967177



4284561408



4294967204



4282786304



4294967233



4281077248



4294967262



4278779904



4294967291



4278190080



4292385041



4292385041

■ 4292383744

■ 4292386855

■ 4292388668

■ 4292390482

■ 4292392039

■ 4292393853

■ 4292395667

■ 4292397480

■ 4292399294

■ 4292401107

# Harmonies

## Analogous

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



4294934085



4292385041



4288589329

# Triad

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



4292385041



4278239948



4292444666

# Complementary

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



4292385041



4279324888

# 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.



4285767423



4292385041



4278239231

# Square

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



4292385041



4278239626



4278236159



4294928575

# Rectangle

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



4292385041



4285380407



4278236159



4290743295



# Sweetspot

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



4292385041



4294961336



4292350288



4286607956



4278190080



4286611584



# Same Dimension

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



4292385041



4294946304



4290041873



4285229152



4289426688



4281015808



# Inverse Universe

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



4279324888



4278211071



4281668056



4284507243



4278204075



4278193707



# Previews

## White Background



This preview shows how the Android color 4292385041 looks on a white background.

## Color Contrast Check

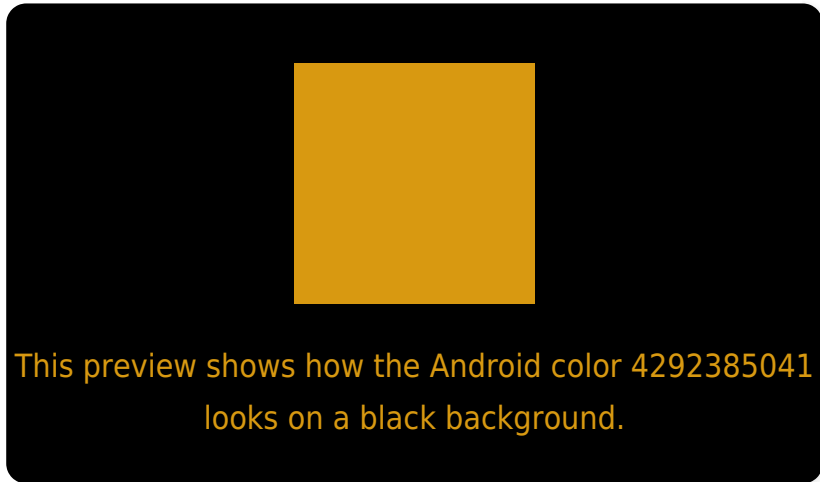
Large Text (above 18pt) WCAG AA × Fail

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 4292385041 Background



This preview shows how black text looks on a background with the Android color 4292385041.



This preview shows how white text looks on a background with the Android color 4292385041.

# 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**  
4292385041

**Protanopia**  
4290422037

**Deuteranopia**  
4291927052



**Tritanopia**  
4292841113

# Trichromacy



**Original Color**  
4292385041

**Protanomaly**  
4291141908

**Deuteranomaly**  
4292123406

**Tritanomaly**  
4292645480

# Monochromacy



**Original Color**  
4292385041

**Achromatopsia**  
4288453788

**Achromatomaly**  
4289895273

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292385041 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(216, 153, 17)` looks like.

```
.text, #text, p{  
    color:rgb(216, 153, 17)  
}
```

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(216, 153, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 153, 17) }
```

## Border

The CSS property to change the border of an element to Android 4292385041 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(216, 153, 17) }
```

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

```
.border{ border-color:rgb(216, 153, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 153, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 153, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 153, 17);  
box-shadow:4px 4px 4px 4px rgb(216, 153,  
17) }
```

# Background

The CSS property to change the background color of an element to Android 4292385041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 153, 17) }
```

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

```
.background{ background-color: rgb(216,  
153, 17) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor