

# Converting Colors

Android(4291453234)

Have a look what the booklet for  
Android(4291453234) contains.

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# Color

**Android(4291453234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA6132
RGB	202, 97, 50
RGB Percent	79%, 38%, 20%
CMY	0.2078, 0.6196, 0.8039
CMYK	0.00, 0.52, 0.75, 0.21
HSL	19°, 60%, 49%
HSV	19°, 75%, 79%
XYZ	29.2075, 21.3362, 5.5965
YIQ	123.0370, 77.6670, 7.6430

# Conversions

## Conversions Part 2

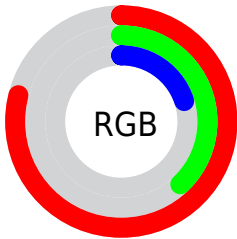
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 118, 50
Decimal	13263154
CIE <sub>Lab</sub>	53.32, 38.63, 45.15
CIE <sub>LCh</sub>	53, 59.422, 49.446
Yxy	21.3362, 0.5203, 0.3801
Android (android.graphics.Color)	4291453234 (0xFFCA6132)
YUV	123.0370, -36.0072, 69.2506
Hunter-Lab	46.1912, 32.0344, 25.1503

# Details

The Android color **4291453234** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4281506762**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4294940259**, and **4287442432** is the 20% darker color. If you saturate the color by 10%, you get **4291449630**, and if you desaturate by 10%, it is **4291456838**.

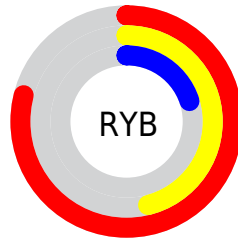
# Distribution



Red (79%)

Green (38%)

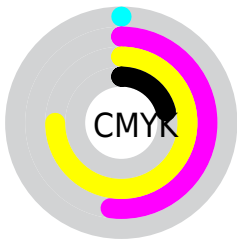
Blue (20%)



Red (79%)

Yellow (46%)

Blue (20%)

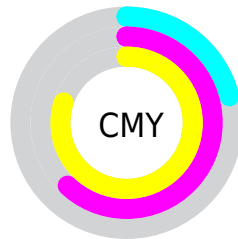


Cyan (0%)

Magenta (52%)

Yellow (75%)

Black (21%)



Cyan (21%)

Magenta (62%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291453234 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 4291453234 by changing the saturation by 10% instead.





4291453234



4291453234

4294967295



4289480730



4294940259



4287442432



4294947197



4285534976



4294954391



4283629568



4294961842



4281860096



4294967246



4279631872



4294967274



4278190080



4291453234



4291453234



4291449630



4291456838

 4291446026

 4291460442

 4291444224

 4291464047

 4291467651

 4291471255

 4291474859

 4291478463

 4291482068

 4291485672

# Harmonies

## Analogous

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



4292562528



4291453234



4289164806

# Triad

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



4291453234



4278228587



4284119520

# Complementary

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



4291453234



4281506762

# 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.



4278225892



4291453234



4278228896

# Square

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



4291453234



4281831736



4278228172



4289422019

# Rectangle

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



4291453234



4287201792



4278228172



4280123621



# Sweetspot

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



4291453234



4294956740



4291441308



4286605148



4278190080



4286611584



# Same Dimension

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



4291453234



4294926361



4291472434



4284899164



4289082112



4280683520

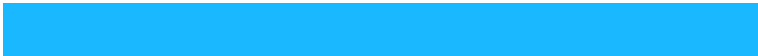


# Inverse Universe

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



4281506762



4279875839



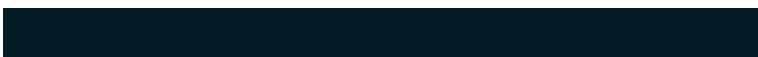
4281487562



4284244838



4278219430

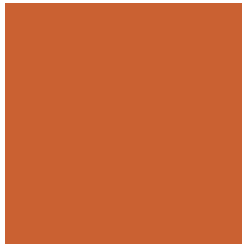


4278196774



# Previews

## White Background



This preview shows how the Android color 4291453234 looks on a white background.

## Color Contrast Check

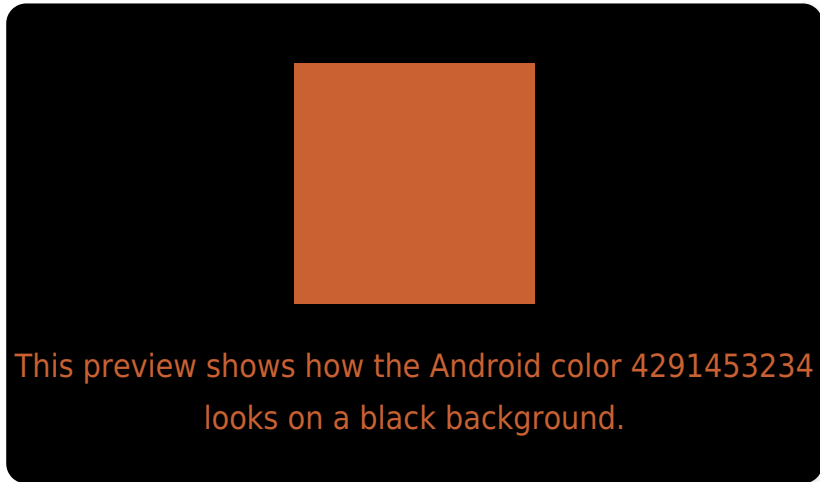
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4291453234 Background



This preview shows how black text looks on a background with the Android color 4291453234.



This preview shows how white text looks on a background with the Android color 4291453234.

# 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**  
4291453234

**Protanopia**  
4287529019

**Deuteranopia**  
4288706859



# Trichromacy



**Original Color**  
4291453234

**Protanomaly**  
4288967992

**Deuteranomaly**  
4289687598

**Tritanomaly**  
4291518033

# Monochromacy



**Original Color**  
4291453234

**Achromatopsia**  
4286282619

**Achromatomaly**  
4288180832

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291453234 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(202, 97, 50)` looks like.

```
.text, #text, p{  
    color:rgb(202, 97, 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(202, 97, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 97, 50) }
```

## Border

The CSS property to change the border of an element to Android 4291453234 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(202, 97, 50) }
```

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

```
.border{ border-color:rgb(202, 97, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 97, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 97, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 97, 50);  
box-shadow:4px 4px 4px 4px rgb(202, 97,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4291453234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 97, 50) }
```

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

```
.background{ background-color: rgb(202, 97,  
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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