

# Converting Colors

Android(4291323458)

Have a look what the booklet for  
Android(4291323458) contains.

<b>Android(4291323458)</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(4291323458)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C86642
RGB	200, 102, 66
RGB Percent	78%, 40%, 26%
CMY	0.2157, 0.6000, 0.7412
CMYK	0.00, 0.49, 0.67, 0.22
HSL	16°, 55%, 52%
HSV	16°, 67%, 78%
XYZ	29.5542, 22.1755, 7.8769
YIQ	127.1980, 69.9640, 9.5800

# Conversions

## Conversions Part 2

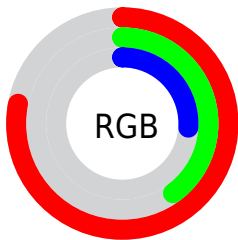
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 115, 66
Decimal	13133378
CIELab	54.21, 36.10, 37.72
CIElCh	54, 52.210, 46.261
Yxy	22.1755, 0.4958, 0.3720
Android (android.graphics.Color)	4291323458 (0xFFC86642)
YUV	127.1980, -30.1706, 63.8474
Hunter-Lab	47.0908, 29.6175, 23.0461

# Details

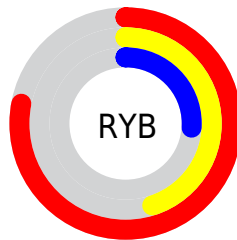
The Android color **4291323458** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4282557640**, and the grayscale version is **4286545791**.

A 20% lighter version of the original color is **4294941555**, and **4287378452** is the 20% darker color. If you saturate the color by 10%, you get **4291319598**, and if you desaturate by 10%, it is **4291327318**.

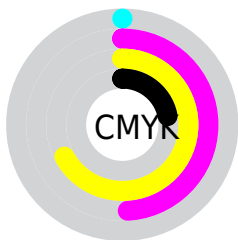
# Distribution



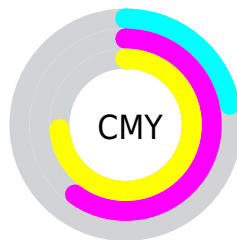
- Red (78%)
- Green (40%)
- Blue (26%)



- Red (78%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291323458 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 4291323458 by changing the saturation by 10% instead.





4291323458



4291323458

4294967295



4289350955



4294941555



4287378452



4294948493



4285536768



4294955688



4283629568



4294963139



4281860096



4294967263



4279697408

4294967292



4278190080



4291323458



4291323458





4291319598




4291327318


 4291315994

 4291330922


 4291312134


 4291334782


 4291311104

 4291338642

 4291342246

 4291346106

 4291349710

 4291353570

 4291357430

# Harmonies

## Analogous

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



4292106603



4291323458



4289427493

# Triad

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



4291323458



4278228587



4284186328

# Complementary

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



4291323458



4282557640

# 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.



4278226393



4291323458



4278228890

# Square

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



4291323458



4283339072



4278228418



4288900032

# Rectangle

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



4291323458



4287726111



4278228418



4281435355



# Sweetspot

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



4291323458



4294957772



4291314340



4286605665



4278190080



4286611584



# Same Dimension

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



4291323458



4294928947



4291340610



4284701786



4288883712



4280551936



# Inverse Universe

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



4282557640



4281583871



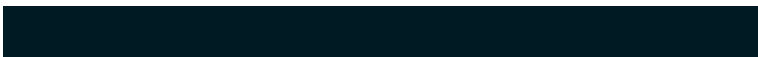
4282540488



4284113251



4278220707

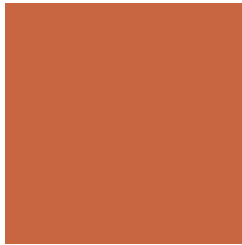


4278196772



# Previews

## White Background



This preview shows how the Android color 4291323458 looks on a white background.

## Color Contrast Check

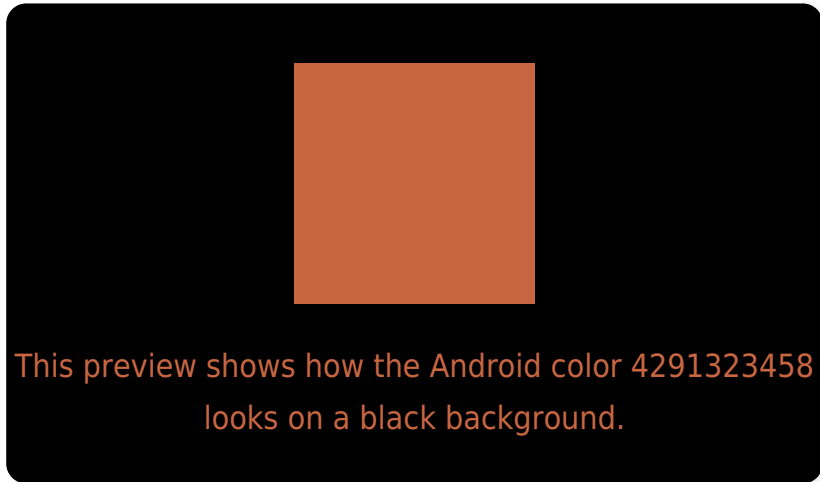
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291323458 Background



This preview shows how black text looks on a background with the Android color 4291323458.



This preview shows how white text looks on a background with the Android color 4291323458.

# 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**  
4291323458

**Protanopia**  
4287595084

**Deuteranopia**  
4288773181



# Trichromacy



**Original Color**  
4291323458

**Protanomaly**  
4288968776

**Deuteranomaly**  
4289688639

**Tritanomaly**  
4291388250

# Monochromacy



**Original Color**  
4291323458

**Achromatopsia**  
4286545791

**Achromatomaly**  
4288312937

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291323458 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(200, 102, 66)` looks like.

```
.text, #text, p{  
    color:rgb(200, 102, 66)  
}
```

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(200, 102, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 102, 66) }
```

## Border

The CSS property to change the border of an element to Android 4291323458 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(200, 102, 66) }
```

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

```
.border{ border-color:rgb(200, 102, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 102, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 102, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 102, 66);  
box-shadow:4px 4px 4px 4px rgb(200, 102,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4291323458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 102, 66) }
```

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

```
.background{ background-color: rgb(200,  
102, 66) }
```

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