

# Converting Colors

Android(4291328051)

Have a look what the booklet for  
Android(4291328051) contains.

<b>Android(4291328051)</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(4291328051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C87833
RGB	200, 120, 51
RGB Percent	78%, 47%, 20%
CMY	0.2157, 0.5294, 0.8000
CMYK	0.00, 0.40, 0.75, 0.22
HSL	28°, 59%, 49%
HSV	28°, 74%, 78%
XYZ	31.1334, 25.9513, 6.5002
YIQ	136.0540, 69.8290, -4.4990

# Conversions

## Conversions Part 2

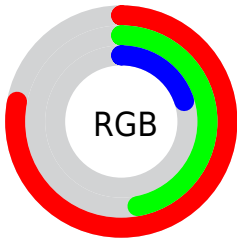
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 180, 51
Decimal	13137971
CIE <sub>Lab</sub>	57.99, 25.74, 49.40
CIE <sub>LCh</sub>	58, 55.708, 62.479
Yxy	25.9513, 0.4896, 0.4081
Android (android.graphics.Color)	4291328051 (0xFFC87833)
YUV	136.0540, -41.9316, 56.0806
Hunter-Lab	50.9424, 19.9409, 28.0944

# Details

The Android color **4291328051** 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 **4281566152**, and the grayscale version is **4287137928**.

A 20% lighter version of the original color is **4294946149**, and **4287448832** is the 20% darker color. If you saturate the color by 10%, you get **4291325215**, and if you desaturate by 10%, it is **4291330887**.

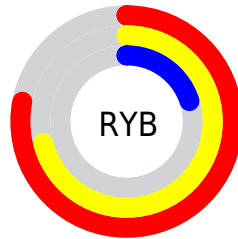
# Distribution



Red (78%)

Green (47%)

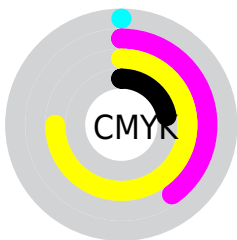
Blue (20%)



Red (78%)

Yellow (71%)

Blue (20%)

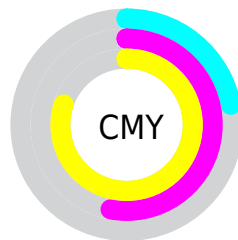


Cyan (0%)

Magenta (40%)

Yellow (75%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291328051 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 4291328051 by changing the saturation by 10% instead.





4291328051



4291328051

4294967295



4289355545



4294946149



4287448832



4294953087



4285542144



4294960282



4283635968



4294967221



4281860608



4294967249



4280221697



4294967278



4278190080



4291328051



4291328051



4291325215



4291330887

■ 4291322635

■ 4291333467

■ 4291321088

■ 4291336303

■ 4291339139

■ 4291341975

■ 4291344555

■ 4291347391

■ 4291350227

■ 4291353063

# Harmonies

## Analogous

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



4292896090



4291328051



4288776735

# Triad

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



4291328051



4278231950



4287790558

# Complementary

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



4291328051



4281566152

# 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.



4278489325



4291328051



4278231742

# Square

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



4291328051



4280065884



4278230241



4291455161

# Rectangle

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



4291328051



4286682152



4278230241



4285957350



# Sweetspot

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



4291328051



4294959559



4291310469



4286606942



4278190080



4286611584



# Same Dimension

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



4291328051



4294935836



4291346739



4284702298



4288891904



4280553728



# Inverse Universe

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



4281566152



4280063743



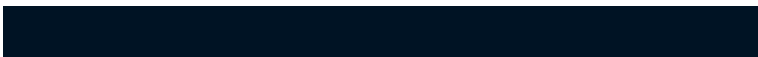
4281547464



4284112739



4278212771

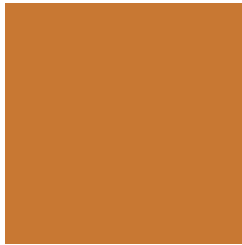


4278194980



# Previews

## White Background



This preview shows how the Android color 4291328051 looks on a white background.

## Color Contrast Check

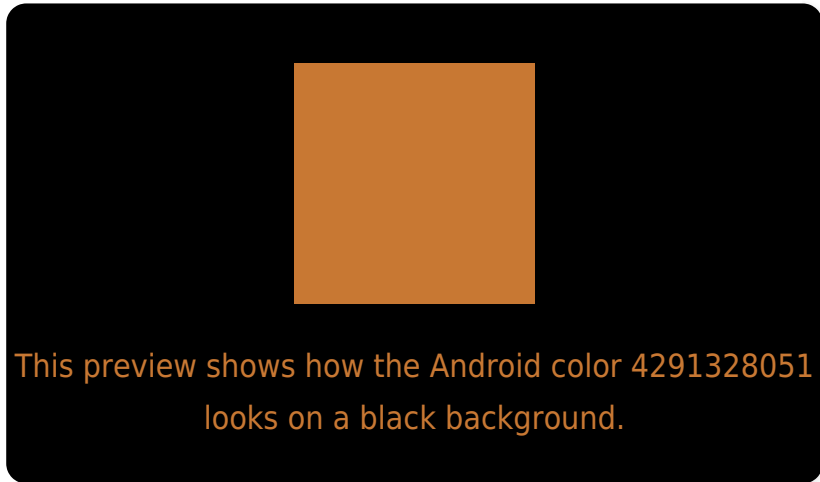
Large Text (above 18pt) WCAG AA ✓ Pass

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

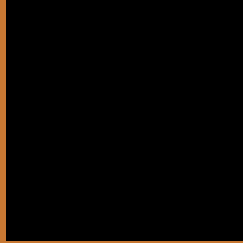
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291328051 Background



This preview shows how black text looks on a background with the Android color 4291328051.



This preview shows how white text looks on a background with the Android color 4291328051.

# 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**  
4291328051

**Protanopia**  
4288449593

**Deuteranopia**  
4289692975



**Tritanopia**  
4291588473

# Trichromacy



**Original Color**  
4291328051

**Protanomaly**  
4289496375

**Deuteranomaly**  
4290281520

**Tritanomaly**  
4291523680

# Monochromacy



**Original Color**  
4291328051

**Achromatopsia**  
4287137928

**Achromatomaly**  
4288643689

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291328051 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, 120, 51)` looks like.

```
.text, #text, p{  
    color:rgb(200, 120, 51)  
}
```

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, 120, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 120, 51) }
```

## Border

The CSS property to change the border of an element to Android 4291328051 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, 120, 51) }
```

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

```
.border{ border-color:rgb(200, 120, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 120, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 120, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 120, 51);  
box-shadow:4px 4px 4px 4px rgb(200, 120,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4291328051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 120, 51) }
```

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

```
.background{ background-color: rgb(200,  
120, 51) }
```

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