

# Converting Colors

Android(4292703068)

Have a look what the booklet for  
Android(4292703068) contains.

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# Color

**Android(4292703068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD735C
RGB	221, 115, 92
RGB Percent	87%, 45%, 36%
CMY	0.1333, 0.5490, 0.6392
CMYK	0.00, 0.48, 0.58, 0.13
HSL	11°, 65%, 61%
HSV	11°, 58%, 87%
XYZ	37.8813, 28.4063, 13.6116
YIQ	144.0720, 70.5590, 15.3190

# Conversions

## Conversions Part 2

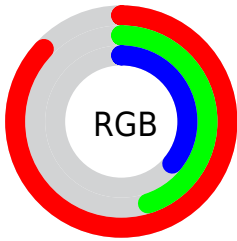
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 120, 92
Decimal	14512988
CIE <sub>Lab</sub>	60.25, 39.28, 31.47
CIE <sub>LCh</sub>	60, 50.329, 38.702
Yxy	28.4063, 0.4741, 0.3555
Android (android.graphics.Color)	4292703068 (0xFFDD735C)
YUV	144.0720, -25.6715, 67.4659
Hunter-Lab	53.2976, 33.5982, 22.1663

# Details

The Android color **4292703068** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **4284270301**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4294945167**, and **4288757805** is the 20% darker color. If you saturate the color by 10%, you get **4292698438**, and if you desaturate by 10%, it is **4292707698**.

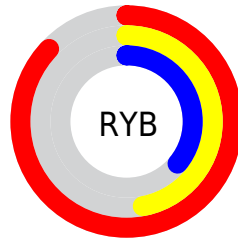
# Distribution



Red (87%)

Green (45%)

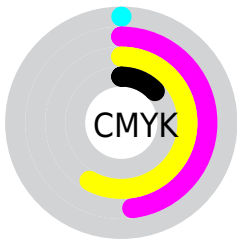
Blue (36%)



Red (87%)

Yellow (47%)

Blue (36%)

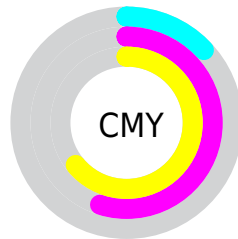


Cyan (0%)

Magenta (48%)

Yellow (58%)

Black (13%)



Cyan (13%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292703068 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 4292703068 by changing the saturation by 10% instead.



 4292703068

 4292703068

4294967295

 4290730308

 4294945167

 4288757805

 4294952361

 4286850584

 4294959557

 4284942336

 4294967009

 4283105280

4294967293

 4281466882

 4278190080

 4292703068

 4292703068

 4292698438

 4292707698

 4292693808

 4292712328

 4292689178

 4292716958

 4292684292

 4292721844

 4292683520

 4292726475

 4292731105

 4292735735

 4292739071

# Harmonies

## Analogous

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



4293094022



4292703068



4291068733

# Triad

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



4292703068



4280460655



4283994857

# Complementary

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



4292703068



4284270301

# 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.



4278231011



4292703068



4278232989

# Square

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



4292703068



4285439561



4278232520



4289036503

# Rectangle

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



4292703068



4289498676



4278232520



4280850410

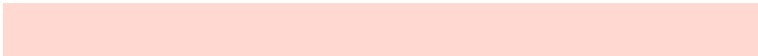


# Sweetspot

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



4292703068



4294957521



4292697288



4286605411



4278190080



4286611584



# Same Dimension

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



4292703068



4294929485



4292719196



4285424995



4289535744



4281206784



# Inverse Universe

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



4284270301



4283293695



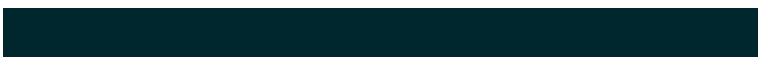
4284254173



4284705902



4278226605



4278199854



# Previews

## White Background



This preview shows how the Android color 4292703068 looks on a white background.

## Color Contrast Check

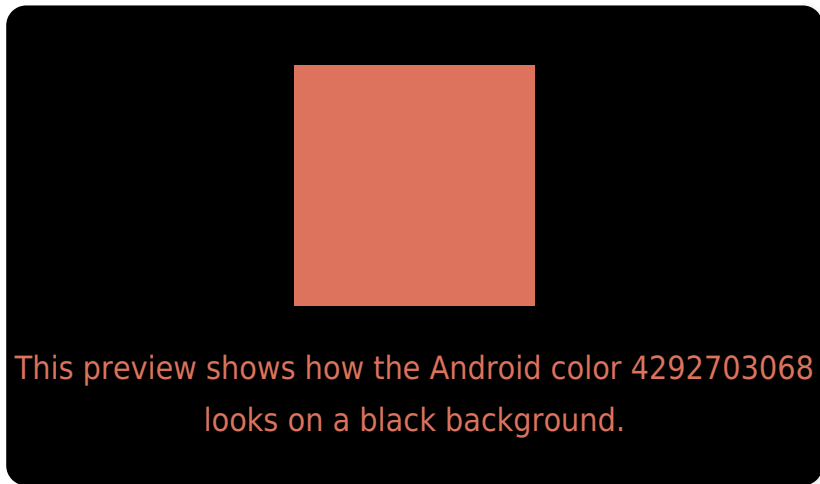
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292703068 Background



This preview shows how black text looks on a background with the Android color 4292703068.



This preview shows how white text looks on a background with the Android color 4292703068.

# 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**  
4292703068

**Protanopia**  
4288516712

**Deuteranopia**  
4289825623



**Tritanopia**  
4292833143

# Trichromacy



**Original Color**  
4292703068

**Protanomaly**  
4290021220

**Deuteranomaly**  
4290871897

**Tritanomaly**  
4292767853

# Monochromacy



**Original Color**  
4292703068

**Achromatopsia**  
4287664272

**Achromatomaly**  
4289496445

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292703068 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(221, 115, 92)` looks like.

```
.text, #text, p{  
    color:rgb(221, 115, 92)  
}
```

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(221, 115, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 115, 92) }
```

## Border

The CSS property to change the border of an element to Android 4292703068 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(221, 115, 92) }
```

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

```
.border{ border-color:rgb(221, 115, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 115, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 115, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 115, 92);  
box-shadow:4px 4px 4px 4px rgb(221, 115,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4292703068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 115, 92) }
```

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

```
.background{ background-color: rgb(221,  
115, 92) }
```

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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