

# Converting Colors

Android(4292697928)

Have a look what the booklet for  
Android(4292697928) contains.

<b>Android(4292697928)</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(4292697928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD5F48
RGB	221, 95, 72
RGB Percent	87%, 37%, 28%
CMY	0.1333, 0.6275, 0.7176
CMYK	0.00, 0.57, 0.67, 0.13
HSL	9°, 69%, 57%
HSV	9°, 67%, 87%
XYZ	35.0807, 24.0244, 8.9191
YIQ	130.0520, 82.4790, 19.5590

# Conversions

## Conversions Part 2

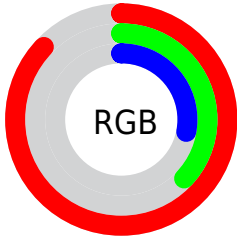
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 99, 72
Decimal	14507848
CIE <sub>Lab</sub>	56.11, 47.83, 37.47
CIE <sub>LCh</sub>	56, 60.760, 38.077
Yxy	24.0244, 0.5157, 0.3532
Android (android.graphics.Color)	4292697928 (0xFFDD5F48)
YUV	130.0520, -28.6196, 79.7614
Hunter-Lab	49.0147, 41.9797, 23.5214

# Details

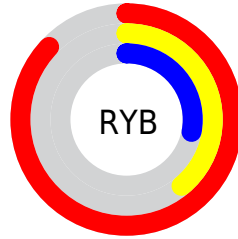
The Android color **4292697928** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **4282959581**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4294940025**, and **4288686363** is the 20% darker color. If you saturate the color by 10%, you get **4292693042**, and if you desaturate by 10%, it is **4292702814**.

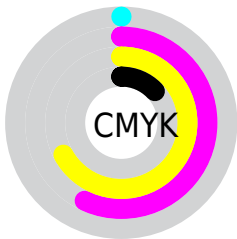
# Distribution



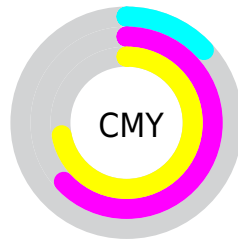
- Red (87%)
- Green (37%)
- Blue (28%)



- Red (87%)
- Yellow (39%)
- Blue (28%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (63%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292697928 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 4292697928 by changing the saturation by 10% instead.



 4292697928

 4292697928

4294967295

 4290659377

 4294940025

 4288686363

 4294947219

 4286645251

 4294954414

 4284743680

 4294961866

 4282777600

 4294967270

 4281008129

 4278190080

 4292697928

 4292697928

 4292693042

 4292702814

 4292688412

 4292707444

 4292683526

 4292712330

 4292682240

 4292717216

 4292721847

 4292726733

 4292731619

 4292736505

 4292739071

# Harmonies

## Analogous

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



4293218682



4292697928



4290737436

# Triad

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



4292697928



4278230365



4279535856

# Complementary

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



4292697928



4282959581

# 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.



4278228968



4292697928



4278230932

# Square

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



4292697928



4284192043



4278230727



4288377562

# Rectangle

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



4292697928



4288905987



4278230727



4278226672



# Sweetspot

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



4292697928



4294956236



4292692167



4286604897



4278190080



4286611584



# Same Dimension

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



4292697928



4294922288



4292716872



4285424739



4289534720



4281206528

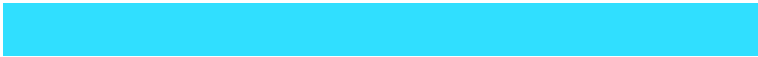


# Inverse Universe

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



4282959581



4281393151



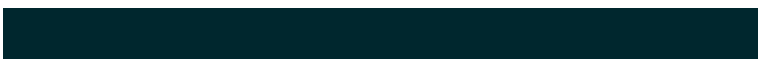
4282940637



4284705902



4278227885

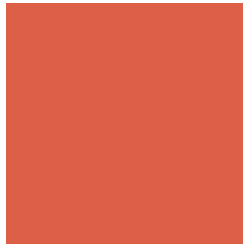


4278200110



# Previews

## White Background



This preview shows how the Android color 4292697928 looks on a white background.

## Color Contrast Check

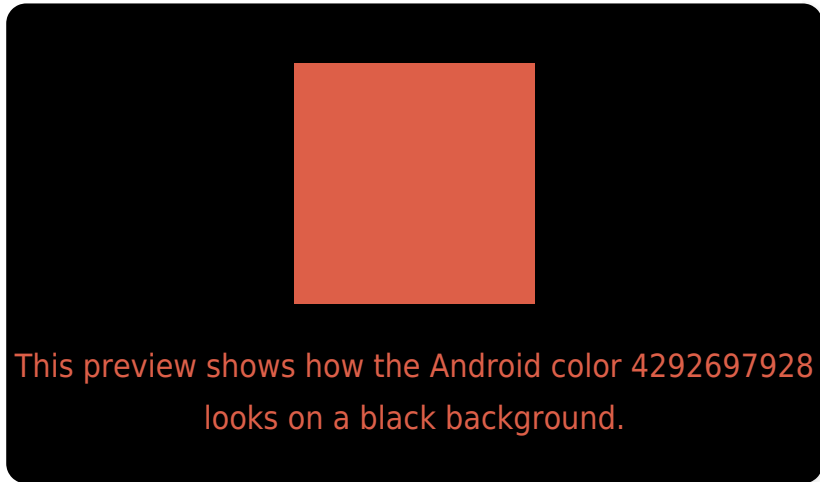
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292697928 Background



This preview shows how black text looks on a background with the Android color 4292697928.



This preview shows how white text looks on a background with the Android color 4292697928.

# 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**  
4292697928

**Protanopia**  
4287858518

**Deuteranopia**  
4289102145



# Trichromacy



**Original Color**  
4292697928

**Protanomaly**  
4289624145

**Deuteranomaly**  
4290409796

**Tritanomaly**  
4292762969

# Monochromacy



**Original Color**  
4292697928

**Achromatopsia**  
4286743170

**Achromatomaly**  
4288902509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292697928 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, 95, 72)` looks like.

```
.text, #text, p{  
    color:rgb(221, 95, 72)  
}
```

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, 95, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 95, 72) }
```

## Border

The CSS property to change the border of an element to Android 4292697928 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, 95, 72) }
```

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

```
.border{ border-color:rgb(221, 95, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 95, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 95, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 95, 72);  
box-shadow:4px 4px 4px 4px rgb(221, 95,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4292697928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 95, 72) }
```

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

```
.background{ background-color: rgb(221, 95,  
72) }
```

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