

# Converting Colors

Android(4292170296)

Have a look what the booklet for  
Android(4292170296) contains.

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# Color

**Android(4292170296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D55238
RGB	213, 82, 56
RGB Percent	84%, 32%, 22%
CMY	0.1647, 0.6784, 0.7804
CMYK	0.00, 0.62, 0.74, 0.16
HSL	10°, 65%, 53%
HSV	10°, 74%, 84%
XYZ	31.1717, 20.4662, 6.0488
YIQ	118.2050, 86.4220, 19.6860

# Conversions

## Conversions Part 2

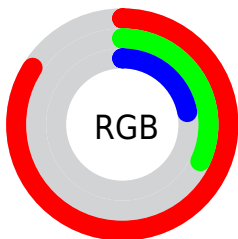
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 87, 56
Decimal	13980216
CIE <sub>Lab</sub>	52.36, 50.15, 41.55
CIE <sub>LCh</sub>	52, 65.127, 39.641
Yxy	20.4662, 0.5404, 0.3548
Android (android.graphics.Color)	4292170296 (0xFFD55238)
YUV	118.2050, -30.6671, 83.1352
Hunter-Lab	45.2396, 43.8233, 23.7403

# Details

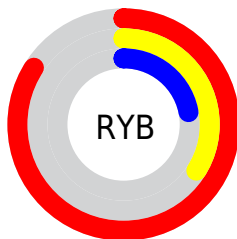
The Android color **4292170296** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4281908181**, and the grayscale version is **4285953654**.

A 20% lighter version of the original color is **4294936680**, and **4288092170** is the 20% darker color. If you saturate the color by 10%, you get **4292165667**, and if you desaturate by 10%, it is **4292174925**.

# Distribution



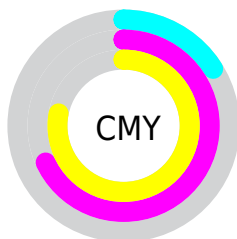
- Red (84%)
- Green (32%)
- Blue (22%)



- Red (84%)
- Yellow (34%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292170296 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 4292170296 by changing the saturation by 10% instead.





4292170296



4292170296

4294967295



4290131745



4294936680



4288092170



4294943874



4286119936



4294951068



4284153856



4294958519



4282318849



4294965971



4280221697



4294967280



4278190080



4292170296



4292170296



4292165667



4292174925

■ 4292161037

■ 4292179555

■ 4292158208

■ 4292183928

■ 4292188557

■ 4292193187

■ 4292197816

■ 4292202189

■ 4292206818

■ 4292211448

# Harmonies

## Analogous

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



4292820845



4292170296



4290079744

# Triad

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



4292170296



4278228052



4278222572

# Complementary

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



4292170296



4281908181

# 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.



4278226406



4292170296



4278228622

# Square

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



4292170296



4282879257



4278228419



4287981012

# Rectangle

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



4292170296



4288117248



4278228419



4278224109



# Sweetspot

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



4292170296



4294955207



4292163773



4286604382



4278190080



4286611584



# Same Dimension

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



4292170296



4294919199



4292189752



4285227616



4289403904



4281009920

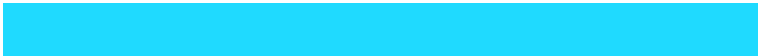


# Inverse Universe

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



4281908181



4280277759



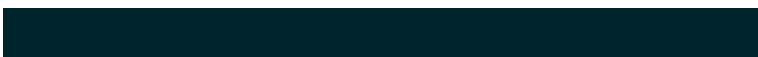
4281888725



4284508523



4278226859

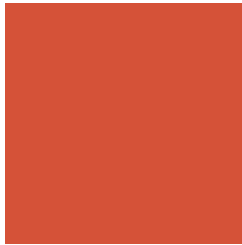


4278199339



# Previews

## White Background



This preview shows how the Android color 4292170296 looks on a white background.

## Color Contrast Check

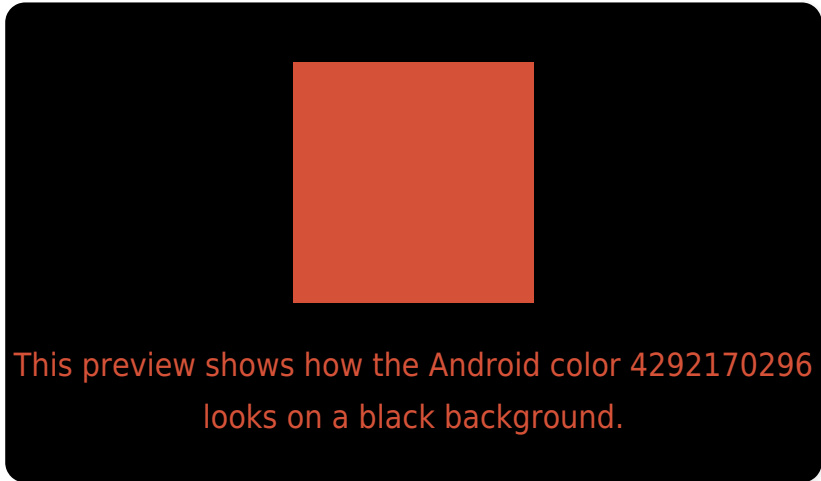
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292170296 Background



This preview shows how black text looks on a background with the Android color 4292170296.



This preview shows how white text looks on a background with the Android color 4292170296.

# 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**  
4292170296

**Protanopia**  
4287266374

**Deuteranopia**  
4288444208



# Trichromacy



**Original Color**  
4292170296

**Protanomaly**  
4289031745

**Deuteranomaly**  
4289817139

**Tritanomaly**  
4292235337

# Monochromacy



**Original Color**  
4292170296

**Achromatopsia**  
4285953654

**Achromatomaly**  
4288244063

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292170296 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(213, 82, 56)` looks like.

```
.text, #text, p{  
    color:rgb(213, 82, 56)  
}
```

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(213, 82, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 82, 56) }
```

## Border

The CSS property to change the border of an element to Android 4292170296 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(213, 82, 56) }
```

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

```
.border{ border-color:rgb(213, 82, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 82, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 82, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 82, 56);  
box-shadow:4px 4px 4px 4px rgb(213, 82,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4292170296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 82, 56) }
```

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

```
.background{ background-color: rgb(213, 82,  
56) }
```

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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