

Converting Colors

Android(4292838451)

Have a look what the booklet for
Android(4292838451) contains.

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Color

Android(4292838451)

Conversions

Conversions Part 1

Format	Color
Hex	DF8433
RGB	223, 132, 51
RGB Percent	87%, 52%, 20%
CMY	0.1255, 0.4824, 0.8000
CMYK	0.00, 0.41, 0.77, 0.13
HSL	28°, 73%, 54%
HSV	28°, 77%, 87%
XYZ	39.2802, 32.4295, 7.3212
YIQ	149.9750, 80.2370, -5.8990

Conversions

Conversions Part 2

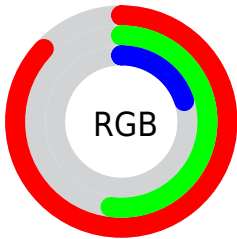
Format	Color
R _Y B	223, 204, 51
Decimal	14648371
CIE Lab	63.70, 28.91, 56.08
CIE LCh	64, 63.095, 62.724
Yxy	32.4295, 0.4970, 0.4103
Android (android.graphics.Color)	4292838451 (0xFFDF8433)
YUV	149.9750, -48.7947, 64.0429
Hunter-Lab	56.9469, 23.4667, 32.2404

Details

The Android color **4292838451** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle muted orange. A complement of this color would be **4281568991**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4294949479**, and **4288827904** is the 20% darker color. If you saturate the color by 10%, you get **4292835357**, and if you desaturate by 10%, it is **4292841545**.

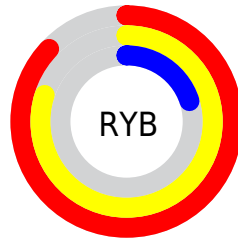
Distribution



Red (87%)

Green (52%)

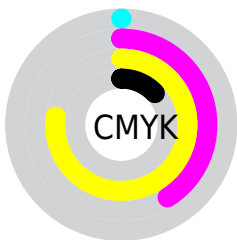
Blue (20%)



Red (87%)

Yellow (80%)

Blue (20%)

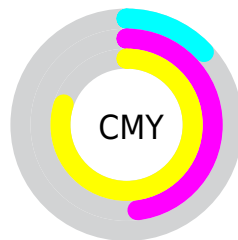


Cyan (0%)

Magenta (41%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292838451 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 4292838451 by changing the saturation by 10% instead.



4292838451



4292838451

4294967295



4290800151



4294949479



4288827904



4294956673



4286855680



4294963868



4284948992



4294967224



4283042304



4294967252



4281335808



4294967281



4278517760



4278190080



4292838451



4292838451

 4292835357

 4292841545

 4292832262

 4292844640

 4292831488

 4292847478

 4292850572

 4292853667

 4292856761

 4292859855

 4292862693

 4292865788

Harmonies

Analogous

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



4294667873



4292838451



4289894681

Triad

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



4292838451



4278236574



4288842233

Complementary

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



4292838451



4281568991

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.



4278231039



4292838451



4278236374

Square

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



4292838451



4278235492



4278234622



4293030351

Rectangle

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



4292838451



4287538214



4278234622



4286681599

Sweetspot

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



4292838451



4294959300



4292817807



4286606684



4278190080



4286611584

Same Dimension

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



4292838451



4294935058



4292860211



4285557349



4289745664



4281341696

Inverse Universe

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



4281568991



4279406591



4281547231



4284836720



4278214064



4278196784

Previews

White Background



This preview shows how the Android color 4292838451 looks on a white background.

Color Contrast Check

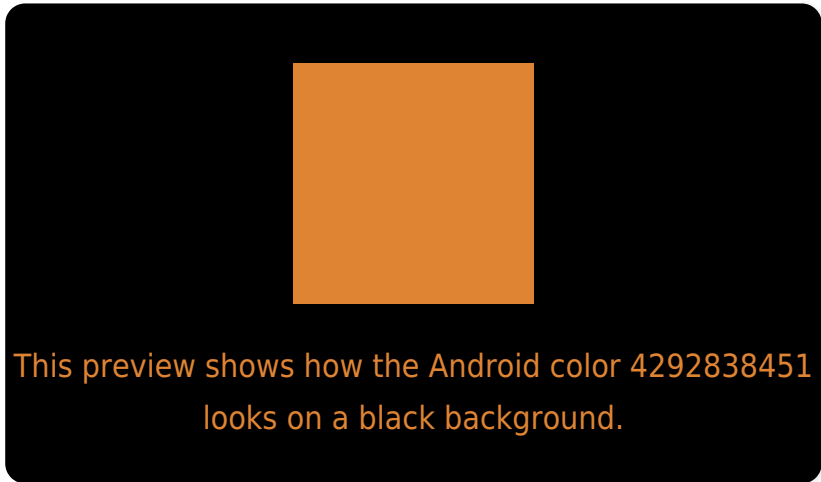
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Android 4292838451 Background



This preview shows how black text looks on a background with the Android color 4292838451.



This preview shows how white text looks on a background with the Android color 4292838451.

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
4292838451

Protanopia
4289567545

Deuteranopia
4290941742

Trichromacy



Original Color
4292838451

Protanomaly
4290745143

Deuteranomaly
4291661360

Tritanomaly
4293033831

Monochromacy



Original Color
4292838451

Achromatopsia
4288059030

Achromatomaly
4289826674

CSS Examples

Text

The CSS property to change the color of the text to Android 4292838451 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(223, 132, 51)` looks like.

```
.text, #text, p{  
    color:rgb(223, 132, 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(223, 132, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 132, 51) }
```

Border

The CSS property to change the border of an element to Android 4292838451 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(223, 132, 51) }
```

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

```
.border{ border-color:rgb(223, 132, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 132, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 132, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 132, 51);  
box-shadow:4px 4px 4px 4px rgb(223, 132,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4292838451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 132, 51) }
```

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

```
.background{ background-color: rgb(223,  
132, 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](#).

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