

Converting Colors

Android(4291449648)

Have a look what the booklet for
Android(4291449648) contains.

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Color

Android(4291449648)

Conversions

Conversions Part 1

Format	Color
Hex	CA5330
RGB	202, 83, 48
RGB Percent	79%, 33%, 19%
CMY	0.2078, 0.6745, 0.8118
CMYK	0.00, 0.59, 0.76, 0.21
HSL	14°, 62%, 49%
HSV	14°, 76%, 79%
XYZ	27.9839, 18.9565, 4.9804
YIQ	114.5910, 82.1590, 14.3430

Conversions

Conversions Part 2

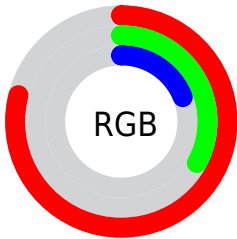
Format	Color
R_{YB}	202, 93, 48
Decimal	13259568
CIE Lab	50.64, 45.40, 43.36
CIE LCh	51, 62.785, 43.684
Yxy	18.9565, 0.5390, 0.3651
Android (android.graphics.Color)	4291449648 (0xFFCA5330)
YUV	114.5910, -32.8294, 76.6577
Hunter-Lab	43.5390, 38.5342, 23.6952

Details

The Android color **4291449648** 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 **4281378762**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294936672**, and **4287437824** is the 20% darker color. If you saturate the color by 10%, you get **4291445532**, and if you desaturate by 10%, it is **4291453764**.

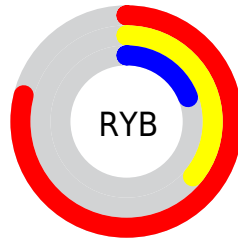
Distribution



Red (79%)

Green (33%)

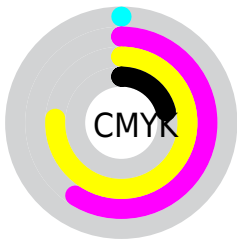
Blue (19%)



Red (79%)

Yellow (36%)

Blue (19%)

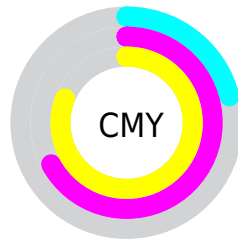


Cyan (0%)

Magenta (59%)

Yellow (76%)

Black (21%)



Cyan (21%)

Magenta (67%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291449648 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 4291449648 by changing the saturation by 10% instead.

 4291449648

 4291449648

4294967295

 4289411353

 4294936672

 4287437824

 4294943866

 4285464576

 4294950804

 4283498496

 4294958255

 4281794562

 4294965706

 4279042048

 4294967271

 4278190080

 4291449648

 4291449648

 4291445532

 4291453764

■ 4291441672

■ 4291457624

■ 4291440128

■ 4291461741

■ 4291465601

■ 4291469717

■ 4291473833

■ 4291477693

■ 4291481810

■ 4291485670

Harmonies

Analogous

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



4292296546



4291449648



4289293056

Triad

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



4291449648



4278226776



4280645601

Complementary

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



4291449648



4281378762

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.



4278224864



4291449648



4278227344

Square

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



4291449648



4282091810



4278226882



4288241351

Rectangle

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



4291449648



4287330304



4278226882



4278222308

Sweetspot

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



4291449648



4294955716



4291440809



4286604380



4278190080



4286611584

Same Dimension

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



4291449648



4294921239



4291468848



4284898908



4289078784



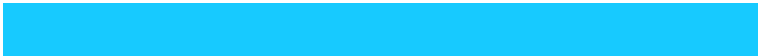
4280682752

Inverse Universe

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



4281378762



4279749375



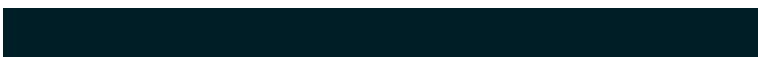
4281359562



4284245094



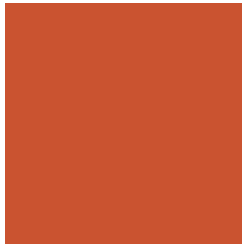
4278223014



4278197798

Previews

White Background



This preview shows how the Android color 4291449648 looks on a white background.

Color Contrast Check

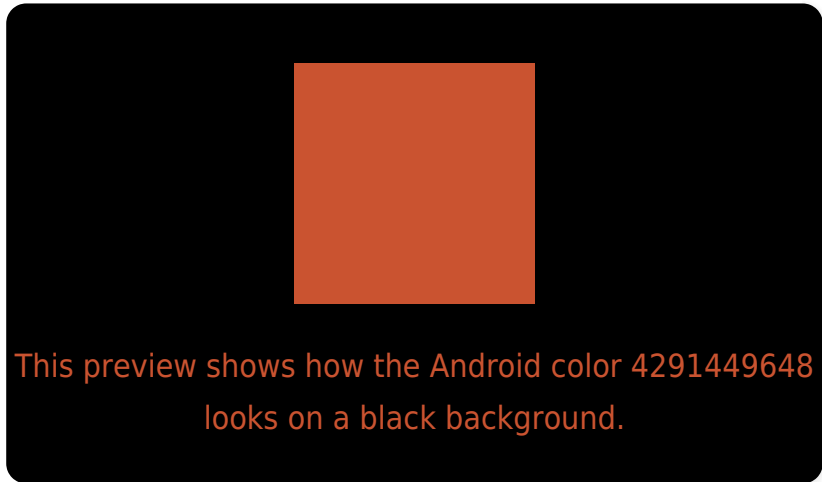
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291449648 Background



This preview shows how black text looks on a background with the Android color 4291449648.



This preview shows how white text looks on a background with the Android color 4291449648.

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
4291449648

Protanopia
4287002939

Deuteranopia
4288181032

Trichromacy



Original Color
4291449648

Protanomaly
4288637751

Deuteranomaly
4289357611

Tritanomaly
4291514439

Monochromacy



Original Color
4291449648

Achromatopsia
4285756275

Achromatomaly
4287850331

CSS Examples

Text

The CSS property to change the color of the text to Android 4291449648 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(202, 83, 48)` looks like.

```
.text, #text, p{  
    color:rgb(202, 83, 48)  
}
```

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(202, 83, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 83, 48) }
```

Border

The CSS property to change the border of an element to Android 4291449648 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(202, 83, 48) }
```

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

```
.border{ border-color:rgb(202, 83, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 83, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 83, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 83, 48);  
box-shadow:4px 4px 4px 4px rgb(202, 83,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4291449648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 83, 48) }
```

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

```
.background{ background-color: rgb(202, 83,  
48) }
```

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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