

Converting Colors

Android(4291457866)

Have a look what the booklet for
Android(4291457866) contains.

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Color

Android(4291457866)

Conversions

Conversions Part 1

Format	Color
Hex	CA734A
RGB	202, 115, 74
RGB Percent	79%, 45%, 29%
CMY	0.2078, 0.5490, 0.7098
CMYK	0.00, 0.43, 0.63, 0.21
HSL	19°, 55%, 54%
HSV	19°, 63%, 79%
XYZ	31.7239, 25.3124, 9.6923
YIQ	136.3390, 65.0130, 5.6930

Conversions

Conversions Part 2

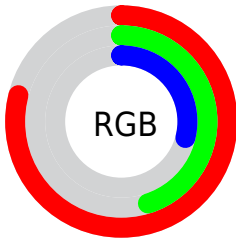
Format	Color
RYB	202, 134, 74
Decimal	13267786
CIELab	57.38, 30.55, 37.21
CIElCh	57, 48.145, 50.621
Yxy	25.3124, 0.4754, 0.3793
Android (android.graphics.Color)	4291457866 (0xFFCA734A)
YUV	136.3390, -30.7331, 57.5847
Hunter-Lab	50.3115, 24.5081, 23.7960

Details

The Android color **4291457866** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4283081162**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4294944892**, and **4287578396** is the 20% darker color. If you saturate the color by 10%, you get **4291454262**, and if you desaturate by 10%, it is **4291461470**.

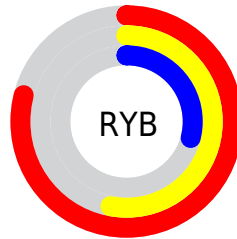
Distribution



Red (79%)

Green (45%)

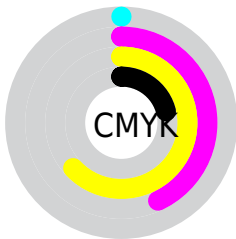
Blue (29%)



Red (79%)

Yellow (53%)

Blue (29%)

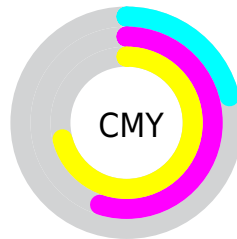


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291457866 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 4291457866 by changing the saturation by 10% instead.

 4291457866

 4291457866

4294967295

 4289485362

 4294944892

 4287578396

 4294951830

 4285671684

 4294959281

 4283830528

 4294966477

 4282056704


 4294967273

 4280352769

 4278190080

 4291457866

 4291457866

 4291454262

 4291461470

 4291450914

 4291464818

 4291447309

 4291468423

 4291444992

 4291472027

 4291475631

 4291478979

 4291482583

 4291486188

 4291489791

Harmonies

Analogous

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



4292372335



4291457866



4289561396

Triad

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



4291457866



4278230651



4285957337

Complementary

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



4291457866



4283081162

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.



4278227676



4291457866



4278230950

Square

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



4291457866



4283668818



4278229962



4289754048

Rectangle

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



4291457866



4287859762



4278229962



4284123612

Sweetspot

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



4291457866



4294958799



4291447457



4286606434



4278190080



4286611584

Same Dimension

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



4291457866



4294933309



4291474250



4284899164



4289082624



4280683520

Inverse Universe

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



4283081162



4282237439



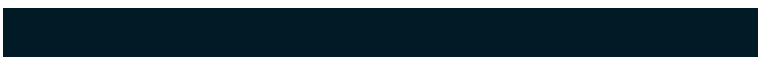
4283064778



4284244838



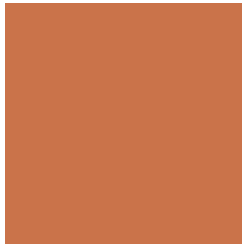
4278219174



4278196774

Previews

White Background



This preview shows how the Android color 4291457866 looks on a white background.

Color Contrast Check

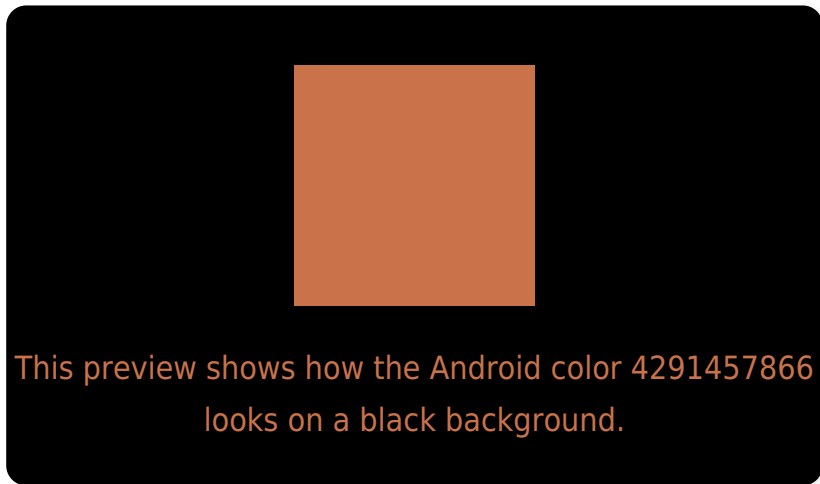
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291457866 Background



This preview shows how black text looks on a background with the Android color 4291457866.



This preview shows how white text looks on a background with the Android color 4291457866.

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
4291457866

Protanopia
4288121426

Deuteranopia
4289365062



Tritanopia
4291653238

Trichromacy



Original Color
4291457866

Protanomaly
4289364559

Deuteranomaly
4290149959

Tritanomaly
4291588198

Monochromacy



Original Color
4291457866

Achromatopsia
4287137928

Achromatomaly
4288708721

CSS Examples

Text

The CSS property to change the color of the text to Android 4291457866 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, 115, 74)` looks like.

```
.text, #text, p{  
    color:rgb(202, 115, 74)  
}
```

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, 115, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 115, 74) }
```

Border

The CSS property to change the border of an element to Android 4291457866 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, 115, 74) }
```

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

```
.border{ border-color:rgb(202, 115, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 115, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 115, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 115, 74);  
box-shadow:4px 4px 4px 4px rgb(202, 115,  
74) }
```

Background

The CSS property to change the background color of an element to Android 4291457866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 115, 74) }
```

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

```
.background{ background-color: rgb(202,  
115, 74) }
```

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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