

Converting Colors

Android(4291649833)

Have a look what the booklet for
Android(4291649833) contains.

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Color

Android(4291649833)

Conversions

Conversions Part 1

Format	Color
Hex	CD6129
RGB	205, 97, 41
RGB Percent	80%, 38%, 16%
CMY	0.1961, 0.6196, 0.8392
CMYK	0.00, 0.53, 0.80, 0.20
HSL	20°, 67%, 48%
HSV	20°, 80%, 80%
XYZ	29.8518, 21.6886, 4.7108
YIQ	122.9080, 82.3440, 5.4800

Conversions

Conversions Part 2

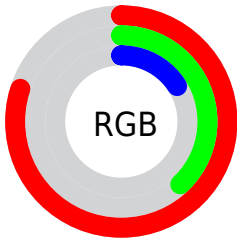
Format	Color
RYB	205, 126, 41
Decimal	13459753
CIELab	53.70, 39.46, 49.95
CIElCh	54, 63.659, 51.692
Yxy	21.6886, 0.5307, 0.3856
Android (android.graphics.Color)	4291649833 (0xFFCD6129)
YUV	122.9080, -40.3806, 71.9947
Hunter-Lab	46.5710, 32.9181, 26.6024

Details

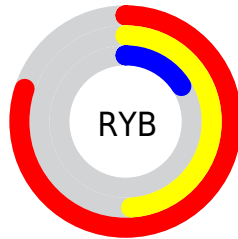
The Android color **4291649833** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4280915405**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4294940251**, and **4287639040** is the 20% darker color. If you saturate the color by 10%, you get **4291646228**, and if you desaturate by 10%, it is **4291653182**.

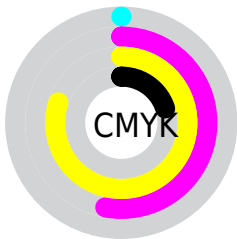
Distribution



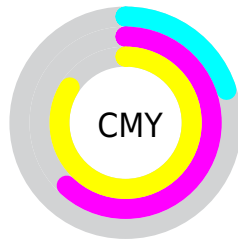
- Red (80%)
- Green (38%)
- Blue (16%)



- Red (80%)
- Yellow (49%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291649833 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 4291649833 by changing the saturation by 10% instead.



4291649833



4291649833

4294967295



4289611791



4294940251



4287639040



4294947188



4285666048



4294954382



4283760640



4294961833



4281925632



4294967237



4279828481



4294967265



4278190080

4294967294



4291649833



4291649833

■ 4291646228

■ 4291653182

■ 4291642880

■ 4291656786

■ 4291660391

■ 4291663739

■ 4291667088

■ 4291670692

■ 4291674297

■ 4291677645

■ 4291681250

Harmonies

Analogous

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



4292954971



4291649833



4289165312

Triad

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



4291649833



4278229103



4284381415

Complementary

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



4291649833



4280915405

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.



4278225901



4291649833



4278229415

Square

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



4291649833



4280587319



4278228694



4289945285

Rectangle

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



4291649833



4287005952



4278228694



4280058093

Sweetspot

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



4291649833



4294956994



4291635606



4286605147



4278190080



4286611584

Same Dimension

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



4291649833



4294925834



4291670569



4284899164



4289083648



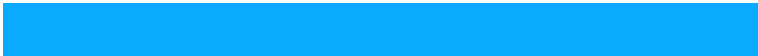
4280683776

Inverse Universe

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



4280915405



4278889471



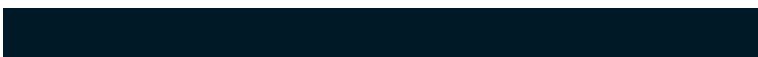
4280894669



4284244838



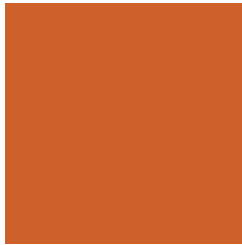
4278218150



4278196518

Previews

White Background



This preview shows how the Android color 4291649833 looks on a white background.

Color Contrast Check

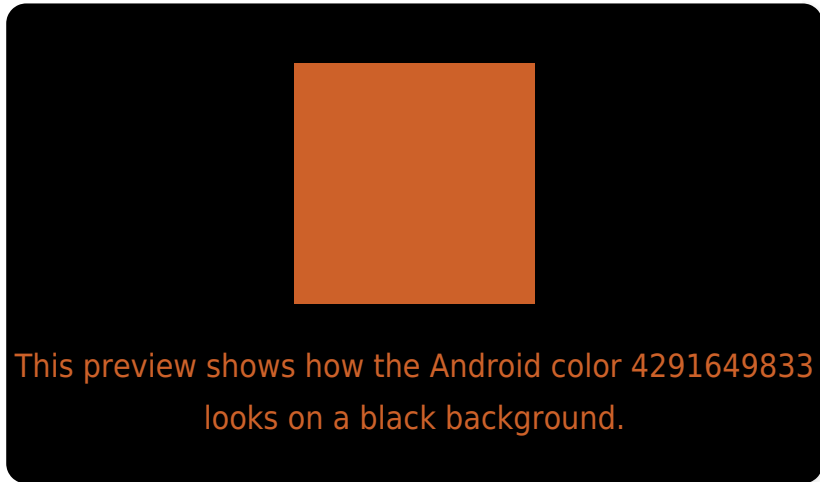
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291649833 Background



This preview shows how black text looks on a background with the Android color 4291649833.



This preview shows how white text looks on a background with the Android color 4291649833.

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
4291649833

Protanopia
4287660338

Deuteranopia
4288838176



Tritanopia
4291779425

Trichromacy



Original Color
4291649833

Protanomaly
4289099055

Deuteranomaly
4289884451

Tritanomaly
4291714381

Monochromacy



Original Color
4291649833

Achromatopsia
4286282619

Achromatomaly
4288246365

CSS Examples

Text

The CSS property to change the color of the text to Android 4291649833 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(205, 97, 41)` looks like.

```
.text, #text, p{  
    color:rgb(205, 97, 41)  
}
```

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(205, 97, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 97, 41) }
```

Border

The CSS property to change the border of an element to Android 4291649833 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(205, 97, 41) }
```

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

```
.border{ border-color:rgb(205, 97, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 97, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 97, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 97, 41);  
box-shadow:4px 4px 4px 4px rgb(205, 97,  
41) }
```

Background

The CSS property to change the background color of an element to Android 4291649833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 97, 41) }
```

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

```
.background{ background-color: rgb(205, 97,  
41) }
```

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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