

Converting Colors

Android(4291591475)

Have a look what the booklet for
Android(4291591475) contains.

Android(4291591475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291591475)

Conversions

Conversions Part 1

Format	Color
Hex	CC7D33
RGB	204, 125, 51
RGB Percent	80%, 49%, 20%
CMY	0.2000, 0.5098, 0.8000
CMYK	0.00, 0.39, 0.75, 0.20
HSL	29°, 60%, 50%
HSV	29°, 75%, 80%
XYZ	32.8330, 27.7436, 6.7565
YIQ	140.1850, 70.8380, -6.2660

Conversions

Conversions Part 2

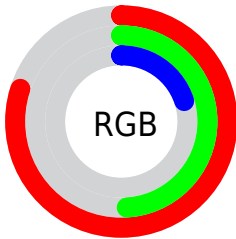
Format	Color
RYB	204, 194, 51
Decimal	13401395
CIELab	59.66, 24.72, 51.26
CIElCh	60, 56.912, 64.253
Yxy	27.7436, 0.4876, 0.4120
Android (android.graphics.Color)	4291591475 (0xFFCC7D33)
YUV	140.1850, -43.9682, 55.9658
Hunter-Lab	52.6722, 19.0908, 29.2651

Details

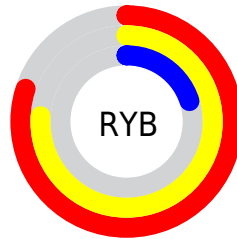
The Android color **4291591475** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4281565900**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4294947430**, and **4287646464** is the 20% darker color. If you saturate the color by 10%, you get **4291588639**, and if you desaturate by 10%, it is **4291594311**.

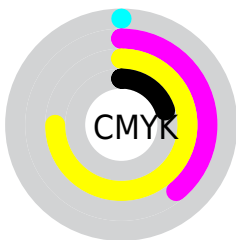
Distribution



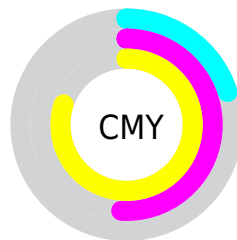
- Red (80%)
- Green (49%)
- Blue (20%)



- Red (80%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291591475 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 4291591475 by changing the saturation by 10% instead.



4291591475



4291591475

4294967295



4289618969



4294947430



4287646464



4294954624



4285805568



4294961819



4283899392



4294967222



4282058496



4294967250



4280614913



4294967279



4278190080



4291591475



4291591475



4291588639



4291594311

■ 4291586058

■ 4291596892

■ 4291584768

■ 4291599728

■ 4291602309

■ 4291605145

■ 4291607725

■ 4291610562

■ 4291613142

■ 4291615979

Harmonies

Analogous

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



4293290586



4291591475



4288909345

Triad

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



4291591475



4278233238



4288380899

Complementary

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



4291591475



4281565900

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.



4280521716



4291591475



4278233031

Square

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



4291591475



4279215458



4278231273



4291980220

Rectangle

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



4291591475



4286748972



4278231273



4286547691

Sweetspot

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



4291591475



4294959556



4291572610



4286606684



4278190080



4286611584

Same Dimension

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



4291591475



4294936601



4291610931



4284899676



4289089536



4280685056

Inverse Universe

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



4281565900



4279865599



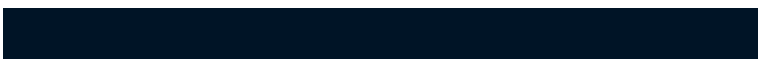
4281546444



4284244326



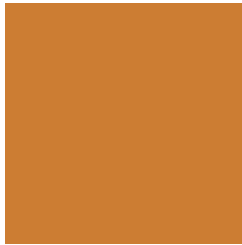
4278212262



4278195238

Previews

White Background



This preview shows how the Android color 4291591475 looks on a white background.

Color Contrast Check

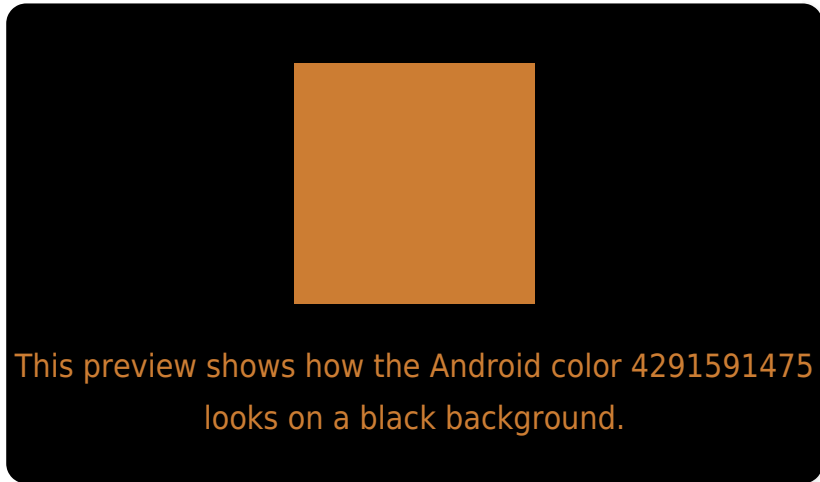
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291591475 Background



This preview shows how black text looks on a background with the Android color 4291591475.



This preview shows how white text looks on a background with the Android color 4291591475.

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
4291591475

Protanopia
4288778296

Deuteranopia
4290021679

Trichromacy



Original Color
4291591475

Protanomaly
4289825078

Deuteranomaly
4290610480

Tritanomaly
4291786851

Monochromacy



Original Color
4291591475

Achromatopsia
4287401100

Achromatomaly
4288907116

CSS Examples

Text

The CSS property to change the color of the text to Android 4291591475 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(204, 125, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 125, 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(204, 125, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 125, 51) }
```

Border

The CSS property to change the border of an element to Android 4291591475 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(204, 125, 51) }
```

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

```
.border{ border-color:rgb(204, 125, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 125, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 125, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 125, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 125,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4291591475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 125, 51) }
```

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

```
.background{ background-color: rgb(204,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor