

Converting Colors

Android(4291454803)

Have a look what the booklet for
Android(4291454803) contains.

Android(4291454803)	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(4291454803)

Conversions

Conversions Part 1

Format	Color
Hex	CA6753
RGB	202, 103, 83
RGB Percent	79%, 40%, 33%
CMY	0.2078, 0.5961, 0.6745
CMYK	0.00, 0.49, 0.59, 0.21
HSL	10°, 53%, 56%
HSV	10°, 59%, 79%
XYZ	30.7687, 22.8816, 10.9785
YIQ	130.3210, 65.4240, 14.7680

Conversions

Conversions Part 2

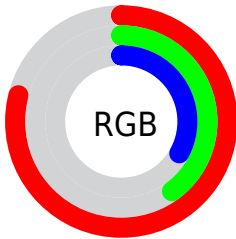
Format	Color
R_{YB}	202, 107, 83
Decimal	13264723
CIE _{Lab}	54.95, 37.50, 29.24
CIE _{LCh}	55, 47.549, 37.948
Yxy	22.8816, 0.4761, 0.3540
Android (android.graphics.Color)	4291454803 (0xFFCA6753)
YUV	130.3210, -23.3293, 62.8625
Hunter-Lab	47.8347, 31.1058, 19.8767

Details

The Android color **4291454803** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **4283676362**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4294941829**, and **4287575077** is the 20% darker color. If you saturate the color by 10%, you get **4291450431**, and if you desaturate by 10%, it is **4291459175**.

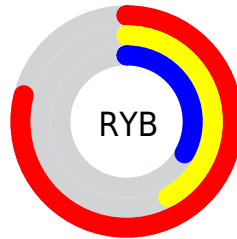
Distribution



Red (79%)

Green (40%)

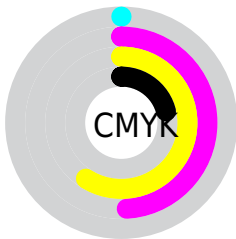
Blue (33%)



Red (79%)

Yellow (42%)

Blue (33%)

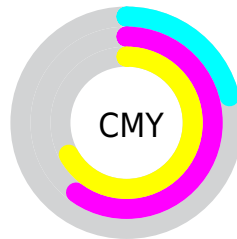


Cyan (0%)

Magenta (49%)

Yellow (59%)

Black (21%)



Cyan (21%)

Magenta (60%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291454803 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 4291454803 by changing the saturation by 10% instead.

 4291454803

 4291454803

4294967295

 4289482300

 4294941829

 4287575077

 4294948767

 4285668112

 4294955962

 4283826176

 4294963414

 4281991168

 4294967282

 4280090625

 4278190080

 4291454803

 4291454803

 4291450431

 4291459175

 4291446059

 4291463547

 4291441942

 4291467664

 4291437570

 4291472036

 4291437056

 4291476408

 4291480780

 4291485152

 4291489269

 4291493631

Harmonies

Analogous

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



4291780474



4291454803



4289951286

Triad

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



4291454803



4280194659



4283139285

Complementary

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



4291454803



4283676362

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.



4278227151



4291454803



4278229134

Square

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



4291454803



4284780607



4278228661



4287919301

Rectangle

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



4291454803



4288512045



4278228661



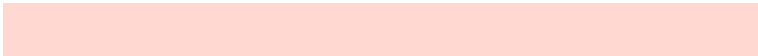
4279732694

Sweetspot

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



4291454803



4294957521



4291449782



4286605411



4278190080



4286611584

Same Dimension

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



4291454803



4294928458



4291469907



4284898908



4289076224



4280681984

Inverse Universe

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



4283676362



4283097599



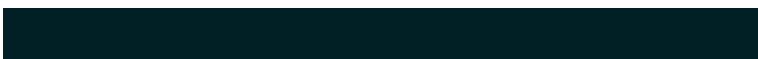
4283661258



4284245094



4278225574



4278198310

Previews

White Background



This preview shows how the Android color 4291454803 looks on a white background.

Color Contrast Check

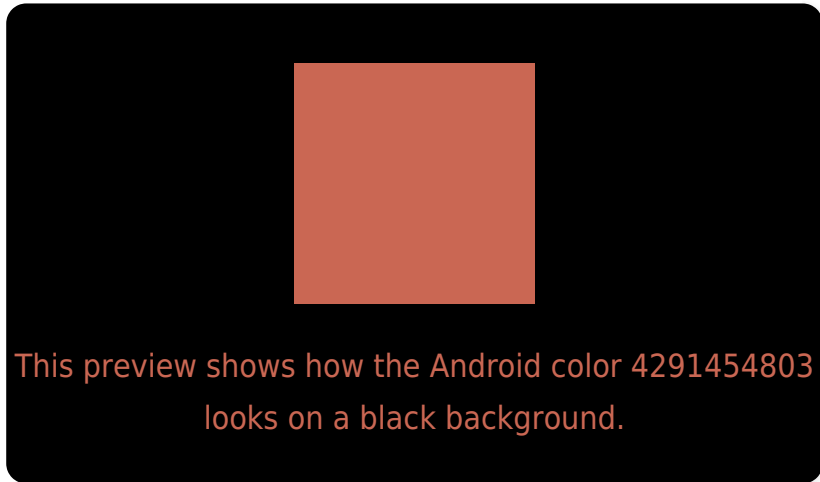
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291454803 Background



This preview shows how black text looks on a background with the Android color 4291454803.



This preview shows how white text looks on a background with the Android color 4291454803.

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
4291454803

Protanopia
4287530079

Deuteranopia
4288708175

Trichromacy



Original Color
4291454803

Protanomaly
4288969051

Deuteranomaly
4289689168

Tritanomaly
4291519842

Monochromacy



Original Color
4291454803

Achromatopsia
4286743170

Achromatomaly
4288444529

CSS Examples

Text

The CSS property to change the color of the text to Android 4291454803 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, 103, 83)` looks like.

```
.text, #text, p{  
    color:rgb(202, 103, 83)  
}
```

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, 103, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 103, 83) }
```

Border

The CSS property to change the border of an element to Android 4291454803 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, 103, 83) }
```

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

```
.border{ border-color:rgb(202, 103, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 103, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 103, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 103, 83);  
box-shadow:4px 4px 4px 4px rgb(202, 103,  
83) }
```

Background

The CSS property to change the background color of an element to Android 4291454803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 103, 83) }
```

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

```
.background{ background-color: rgb(202,  
103, 83) }
```

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