

Converting Colors

Android(4291511048)

Have a look what the booklet for
Android(4291511048) contains.

Android(4291511048)	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(4291511048)

Conversions

Conversions Part 1

Format	Color
Hex	CB4308
RGB	203, 67, 8
RGB Percent	80%, 26%, 3%
CMY	0.2039, 0.7373, 0.9686
CMYK	0.00, 0.67, 0.96, 0.20
HSL	18°, 92%, 41%
HSV	18°, 96%, 80%
XYZ	26.6796, 16.7284, 2.0525
YIQ	100.9380, 99.9950, 10.4830

Conversions

Conversions Part 2

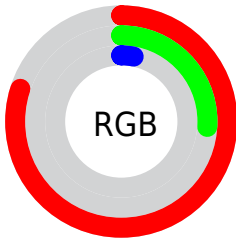
Format	Color
RYB	203, 93, 8
Decimal	13320968
CIELab	47.92, 51.88, 56.97
CIElCh	48, 77.054, 47.679
Yxy	16.7284, 0.5869, 0.3680
Android (android.graphics.Color)	4291511048 (0xFFCB4308)
YUV	100.9380, -45.8184, 89.5084
Hunter-Lab	40.9003, 44.8614, 25.6549

Details

The Android color **4291511048** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4278751435**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294932799**, and **4287365120** is the 20% darker color. If you saturate the color by 10%, you get **4291509504**, and if you desaturate by 10%, it is **4291514652**.

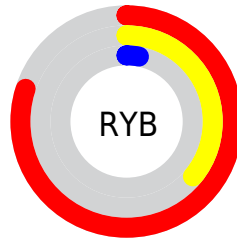
Distribution



Red (80%)

Green (26%)

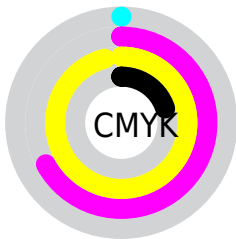
Blue (3%)



Red (80%)

Yellow (36%)

Blue (3%)

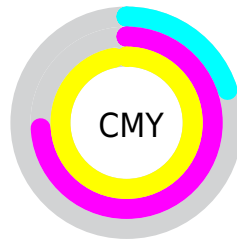


Cyan (0%)

Magenta (67%)

Yellow (96%)

Black (20%)



Cyan (20%)


Magenta (74%)


Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291511048 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 4291511048 by changing the saturation by 10% instead.

 4291511048

 4291511048

4294967293

 4289406464

 4294932799

 4287365120

 4294939992

 4285333504

 4294947186

 4283367424

 4294954381


 4281597954


 4294961832

 4278190080

 4294967235

 4294967264

 4291511048

 4291511048

■ 4291509504

■ 4291514652

■ 4291518257

■ 4291521861

■ 4291525721

■ 4291529326

■ 4291532930

■ 4291536534

■ 4291540138

■ 4291543743

Harmonies

Analogous

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



4292873807



4291511048



4288701696

Triad

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



4291511048



4278225748



4278218224

Complementary

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



4291511048



4278751435

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.



4278223602



4291511048



4278226328

Square

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



4291511048



4278224384



4278225874



4288825803

Rectangle

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



4291511048



4286346496



4278225874



4278220277

Sweetspot

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



4291511048



4294953909



4291496081



4286603347



4278190080



4286611584

Same Dimension

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



4291511048



4294921472



4291535880



4284899164



4289081856



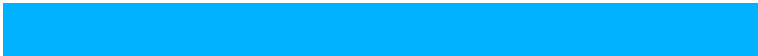
4280683520

Inverse Universe

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



4278751435



4278235903



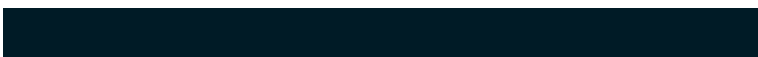
4278726603



4284244838



4278219942



4278197030

Previews

White Background



This preview shows how the Android color 4291511048 looks on a white background.

Color Contrast Check

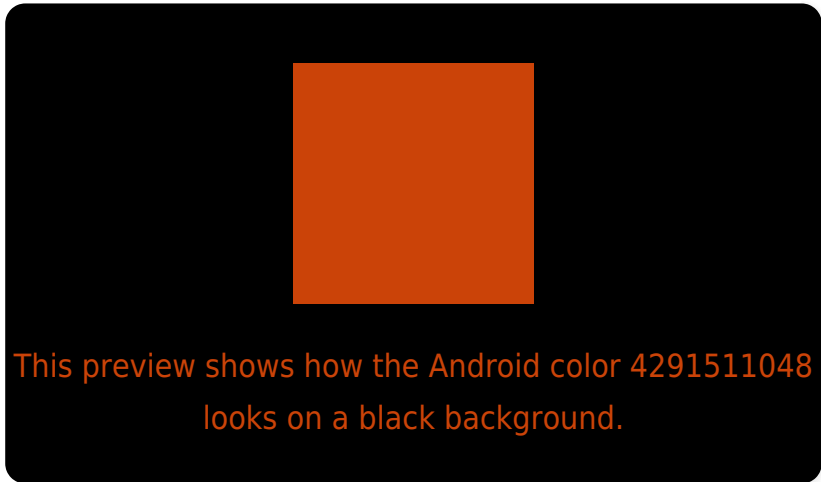
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291511048 Background



This preview shows how black text looks on a background with the Android color 4291511048.



This preview shows how white text looks on a background with the Android color 4291511048.

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

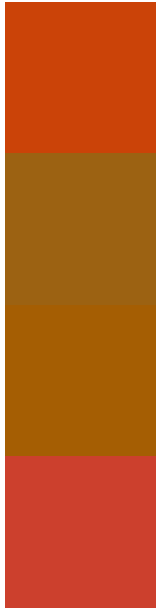


Original Color
4291511048

Protanopia
4286673687

Deuteranopia
4287655168

Trichromacy



Original Color
4291511048

Protanomaly
4288438802

Deuteranomaly
4289027587

Tritanomaly
4291575853

Monochromacy



Original Color
4291511048

Achromatopsia
4284835173

Achromatomaly
4287256899

CSS Examples

Text

The CSS property to change the color of the text to Android 4291511048 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(203, 67, 8)` looks like.

```
.text, #text, p{  
    color:rgb(203, 67, 8)  
}
```

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(203, 67, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 67, 8) }
```

Border

The CSS property to change the border of an element to Android 4291511048 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(203, 67, 8) }
```

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

```
.border{ border-color:rgb(203, 67, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 67, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 67, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 67, 8);  
box-shadow:4px 4px 4px 4px rgb(203, 67, 8)  
}
```

Background

The CSS property to change the background color of an element to Android 4291511048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 67, 8) }
```

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

```
.background{ background-color: rgb(203, 67,  
8) }
```

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