

Converting Colors

Android(4291039274)

Have a look what the booklet for
Android(4291039274) contains.

Android(4291039274)	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(4291039274)

Conversions

Conversions Part 1

Format	Color
Hex	C4102A
RGB	196, 16, 42
RGB Percent	77%, 6%, 16%
CMY	0.2314, 0.9373, 0.8353
CMYK	0.00, 0.92, 0.79, 0.23
HSL	351°, 85%, 42%
HSV	351°, 92%, 77%
XYZ	23.3682, 12.2735, 3.3279
YIQ	72.7840, 98.9340, 46.2460

Conversions

Conversions Part 2

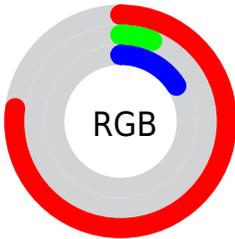
Format	Color
RYB	196, 16, 42
Decimal	12849194
CIELab	41.65, 64.75, 36.86
CIELCh	42, 74.507, 29.652
Yxy	12.2735, 0.5997, 0.3150
Android (android.graphics.Color)	4291039274 (0xFFC4102A)
YUV	72.7840, -15.1765, 108.0604
Hunter-Lab	35.0336, 57.7547, 18.8915

Details

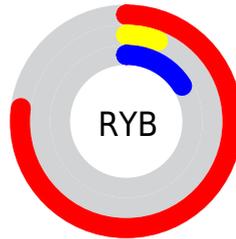
The Android color **4291039274** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4279289002**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294924376**, and **4286906368** is the 20% darker color. If you saturate the color by 10%, you get **4291035164**, and if you desaturate by 10%, it is **4291044411**.

Distribution



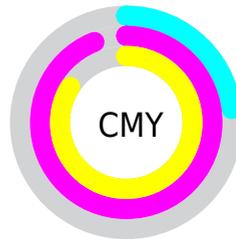
- Red (77%)
- Green (6%)
- Blue (16%)



- Red (77%)
- Yellow (6%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (79%)
- Black (23%)



- Cyan (23%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291039274 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 4291039274 by changing the saturation by 10% instead.



4291039274



4291039274

4294967295



4288938005



4294924376



4286906368



4294931824



4284874752



4294939274



4282974211



4294946724



4280942593



4294954176



4278190080



4294961883



4294967288



4291039274



4291039274

■ 4291035164

■ 4291044411

■ 4291049292

■ 4291054428

■ 4291059309

■ 4291064446

■ 4291069583

■ 4291074463

■ 4291079600

■ 4291084481

Harmonies

Analogous

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



4291231846



4291039274



4289152000

Triad

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



4291039274



4278220572



4278217695

Complementary

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



4291039274



4279289002

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.



4278220749



4291039274



4278221664

Square

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



4291039274



4282019840



4278221726



4283585231

Rectangle

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



4291039274



4287256576



4278221726



4278219229

Sweetspot

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



4291039274



4294949058



4289269956



4286600282



4278190080



4286611584

Same Dimension

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



4291039274



4294901797



4291055376



4284569433



4288741399



4280352773

Inverse Universe

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



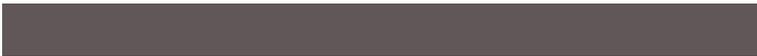
4291039274



4294901797



4279272900



4284569433



4288741399



4280352773

Previews

White Background



This preview shows how the Android color 4291039274 looks on a white background.

Color Contrast Check

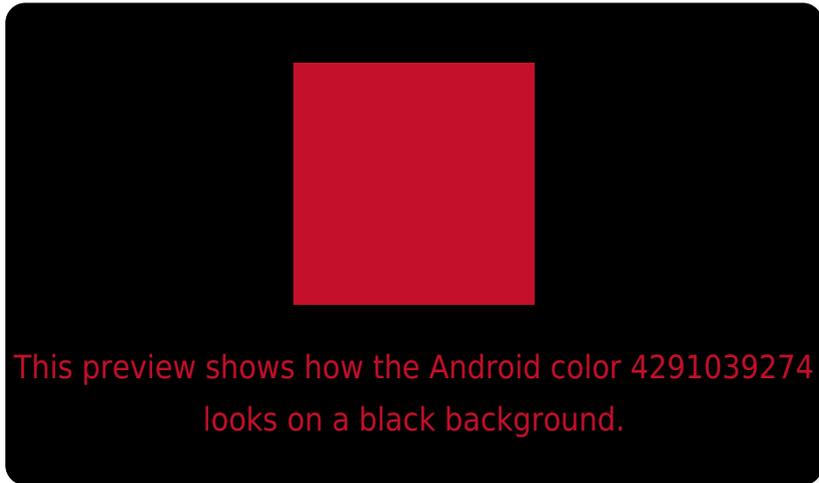
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291039274 Background



This preview shows how black text looks on a background with the Android color 4291039274.



This preview shows how white text looks on a background with the Android color 4291039274.

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
4291039274

Protanopia
4285359168

Deuteranopia
4286406429

Trichromacy



Original Color
4291039274

Protanomaly
4287448376

Deuteranomaly
4288102946

Tritanomaly
4291040282

Monochromacy



Original Color
4291039274

Achromatopsia
4282992969

Achromatomaly
4285936702

CSS Examples

Text

The CSS property to change the color of the text to Android 4291039274 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(196, 16, 42)` looks like.

```
.text, #text, p{  
    color:rgb(196, 16, 42)  
}
```

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(196, 16, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 16, 42) }
```

Border

The CSS property to change the border of an element to Android 4291039274 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(196, 16, 42) }
```

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

```
.border{ border-color:rgb(196, 16, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 16, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 16, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 16, 42);  
box-shadow:4px 4px 4px 4px rgb(196, 16,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4291039274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 16, 42) }
```

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

```
.background{ background-color: rgb(196, 16,  
42) }
```

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