

Converting Colors

Android(4291428375)

Have a look what the booklet for
Android(4291428375) contains.

Android(4291428375)	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(4291428375)

Conversions

Conversions Part 1

Format	Color
Hex	CA0017
RGB	202, 0, 23
RGB Percent	79%, 0%, 9%
CMY	0.2078, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.89, 0.21
HSL	353°, 100%, 40%
HSV	353°, 100%, 79%
XYZ	24.5118, 12.6184, 1.9543
YIQ	63.0200, 113.0090, 49.9770

Conversions

Conversions Part 2

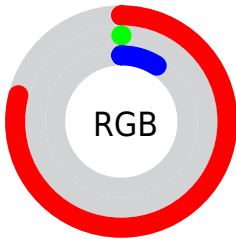
Format	Color
RYB	202, 0, 23
Decimal	13238295
CIELab	42.18, 67.47, 47.95
CIELCh	42, 82.776, 35.400
Yxy	12.6184, 0.6271, 0.3228
Android (android.graphics.Color)	4291428375 (0xFFCA0017)
YUV	63.0200, -19.7299, 121.8855
Hunter-Lab	35.5224, 61.0074, 21.6038

Details

The Android color **4291428375** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278241971**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4294923589**, and **4287234048** is the 20% darker color. If you saturate the color by 10%, you get **4291428375**, and if you desaturate by 10%, it is **4291433513**.

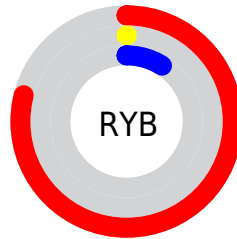
Distribution



Red (79%)

Green (0%)

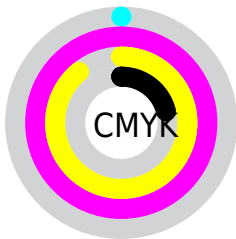
Blue (9%)



Red (79%)

Yellow (0%)

Blue (9%)

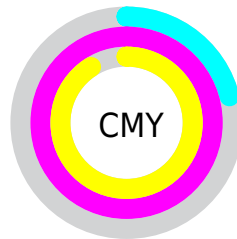


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (21%)



Cyan (21%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291428375 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 4291428375 by changing the saturation by 10% instead.



4291428375



4291428375

4294967295



4289331200



4294923589



4287234048



4294931293



4285136896



4294938743



4283170819



4294946193



4281139202



4294953643



4278190080



4294961351



4294967267



4291428375

 4291433513

 4291438651

 4291444045


 4291449183

 4291454320

 4291459458

 4291464596

 4291469990

 4291475128

Harmonies

Analogous

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



4292149339



4291428375



4289021952

Triad

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



4291428375



4278221604



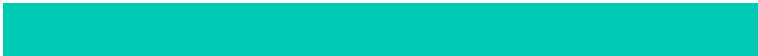
4278217455

Complementary

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



4291428375



4278241971

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.



4278221282



4291428375



4278222447

Square

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



4291428375



4279858176



4278222514



4285090261

Rectangle

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



4291428375



4286799360



4278222514



4278219247

Sweetspot

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



4291428375



4294947771



4289855690



4286599767



4278190080



4286611584

Same Dimension

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



4291428375



4294901789



4291448064



4284898397



4289069075



4280680452

Inverse Universe

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



4291428375



4294901789



4278222282



4284898397



4289069075



4280680452

Previews

White Background



This preview shows how the Android color 4291428375 looks on a white background.

Color Contrast Check

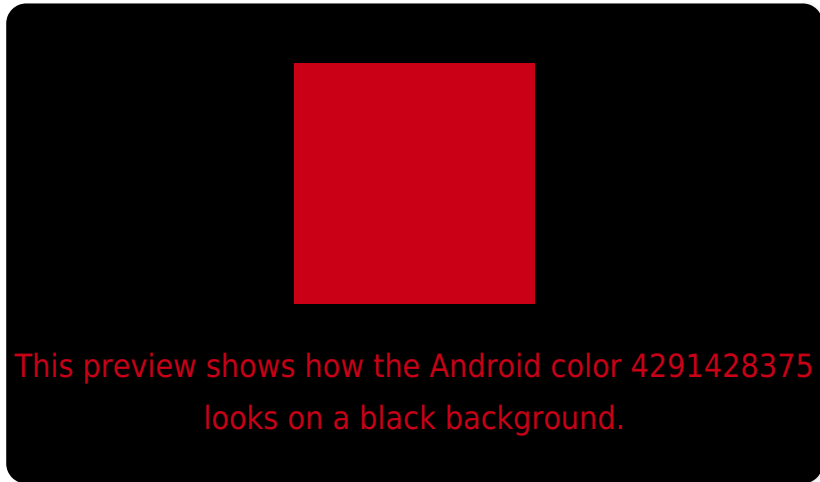
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291428375 Background



This preview shows how black text looks on a background with the Android color 4291428375.



This preview shows how white text looks on a background with the Android color 4291428375.

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
4291428375

Protanopia
4285687337

Deuteranopia
4286669056

Trichromacy



Original Color
4291428375

Protanomaly
4287775010

Deuteranomaly
4288429576

Tritanomaly
4291365640

Monochromacy



Original Color
4291428375

Achromatopsia
4282335039

Achromatomaly
4285671472

CSS Examples

Text

The CSS property to change the color of the text to Android 4291428375 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, 0, 23)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 23)  
}
```

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, 0, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 23) }
```

Border

The CSS property to change the border of an element to Android 4291428375 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, 0, 23) }
```

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

```
.border{ border-color:rgb(202, 0, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 23)  
}
```

Background

The CSS property to change the background color of an element to Android 4291428375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 23) }
```

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

```
.background{ background-color: rgb(202, 0,  
23) }
```

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