

Converting Colors

Android(4291428866)

Have a look what the booklet for
Android(4291428866) contains.

Android(4291428866)	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(4291428866)

Conversions

Conversions Part 1

Format	Color
Hex	CA0202
RGB	202, 2, 2
RGB Percent	79%, 1%, 1%
CMY	0.2078, 0.9922, 0.9922
CMYK	0.00, 0.99, 0.99, 0.21
HSL	0°, 98%, 40%
HSV	0°, 99%, 79%
XYZ	24.3898, 12.6044, 1.2048
YIQ	61.8000, 119.2000, 42.4000

Conversions

Conversions Part 2

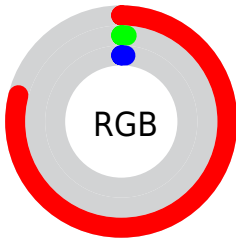
Format	Color
RYB	202, 2, 2
Decimal	13238786
CIELab	42.16, 67.04, 55.71
CIELCh	42, 87.164, 39.728
Yxy	12.6044, 0.6385, 0.3300
Android (android.graphics.Color)	4291428866 (0xFFCA0202)
YUV	61.8000, -29.4814, 122.9554
Hunter-Lab	35.5026, 60.4974, 22.8397

Details

The Android color **4291428866** 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 **4278373066**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4294923574**, and **4287168512** is the 20% darker color. If you saturate the color by 10%, you get **4291428352**, and if you desaturate by 10%, it is **4291434006**.

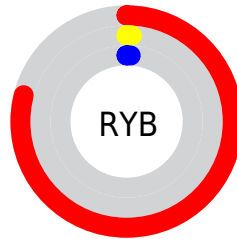
Distribution



Red (79%)

Green (1%)

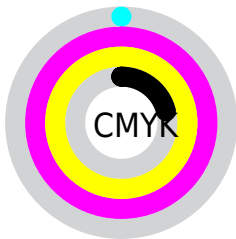
Blue (1%)



Red (79%)

Yellow (1%)

Blue (1%)

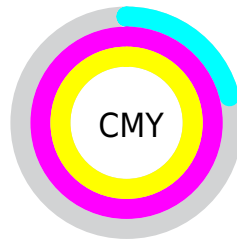


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291428866 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 4291428866 by changing the saturation by 10% instead.



4291428866



4291428866



4294967280



4289331200



4294923574



4287168512



4294931278



4285136896



4294938727



4283170819



4294946177



4281139201



4294953628



4278190080



4294961335



4294967251



4291428866



4291428866

■ 4291428352

■ 4291434006

■ 4291439146

■ 4291444543

■ 4291449683

■ 4291454823

■ 4291459963

■ 4291465103

■ 4291470500

■ 4291475640

Harmonies

Analogous

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



4292477008



4291428866



4288695296

Triad

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



4291428866



4278221869



4278216693

Complementary

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



4291428866



4278373066

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.



4278221293



4291428866



4278222714

Square

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



4291428866



4278220288



4278222783



4286267604

Rectangle

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



4291428866



4286275840



4278222783



4278218743

Sweetspot

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



4291428866



4294947763



4291429066



4286599762



4278190080



4286611584

Same Dimension

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



4291428866



4294901760



4291454466



4284898396



4289069056



4280680448

Inverse Universe

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



4278373066



4278255615



4278347466



4284245606



4278232742



4278199846

Previews

White Background



This preview shows how the Android color 4291428866 looks on a white background.

Color Contrast Check

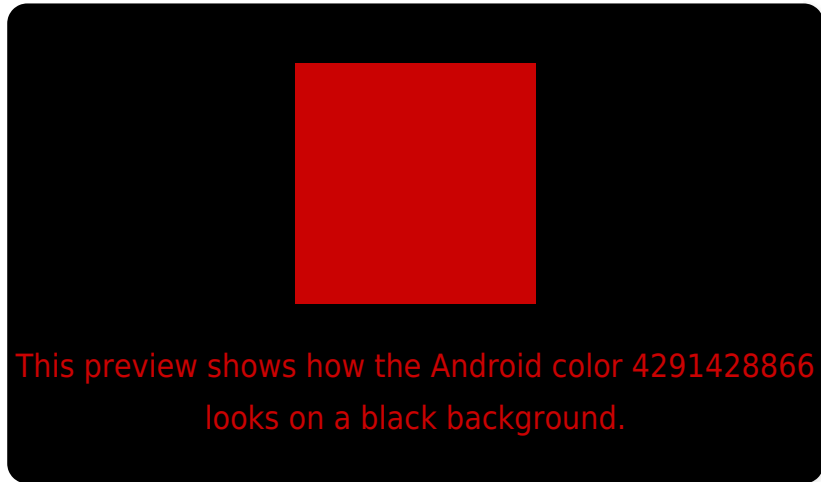
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291428866 Background



This preview shows how black text looks on a background with the Android color 4291428866.



This preview shows how white text looks on a background with the Android color 4291428866.

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
4291428866

Protanopia
4285687322

Deuteranopia
4286603520

Trichromacy



Original Color

4291428866

Protanomaly

4287775249

Deuteranomaly

4288364033

Tritanomaly

4291366145

Monochromacy



Original Color

4291428866

Achromatopsia

4282269246

Achromatomaly

4285605928

CSS Examples

Text

The CSS property to change the color of the text to Android 4291428866 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, 2, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 2, 2)  
}
```

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, 2, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4291428866 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, 2, 2) }
```

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

```
.border{ border-color:rgb(202, 2, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 2, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 2, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(202, 2, 2); box-shadow:4px  
4px 4px 4px rgb(202, 2, 2) }
```

Background

The CSS property to change the background color of an element to Android 4291428866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 2, 2) }
```

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

```
.background{ background-color: rgb(202, 2,  
2) }
```

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](#).

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