

Converting Colors

Android(4291493921)

Have a look what the booklet for
Android(4291493921) contains.

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Color

Android(4291493921)

Conversions

Conversions Part 1

Format	Color
Hex	CB0021
RGB	203, 0, 33
RGB Percent	80%, 0%, 13%
CMY	0.2039, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.84, 0.20
HSL	350°, 100%, 40%
HSV	350°, 100%, 80%
XYZ	24.9031, 12.8063, 2.5982
YIQ	64.4590, 110.3950, 53.2990

Conversions

Conversions Part 2

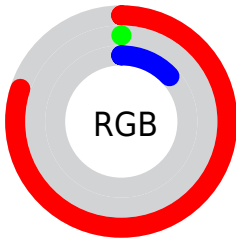
Format	Color
R_{YB}	203, 0, 33
Decimal	13303841
CIE Lab	42.47, 67.92, 43.23
CIE LCh	42, 80.510, 32.477
Yxy	12.8063, 0.6178, 0.3177
Android (android.graphics.Color)	4291493921 (0xFFCB0021)
YUV	64.4590, -15.5093, 121.5005
Hunter-Lab	35.7859, 61.5913, 20.7455

Details

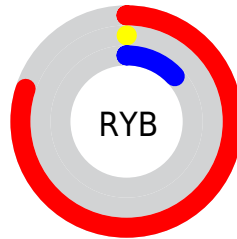
The Android color **4291493921** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278242218**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4294923599**, and **4287299584** is the 20% darker color. If you saturate the color by 10%, you get **4291493921**, and if you desaturate by 10%, it is **4291499058**.

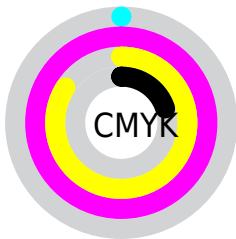
Distribution



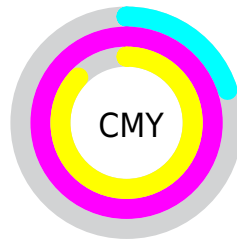
- Red (80%)
- Green (0%)
- Blue (13%)



- Red (80%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291493921 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 4291493921 by changing the saturation by 10% instead.

 4291493921

 4291493921

4294967295

 4289396748

 4294923599

 4287299584

 4294931303

 4285202432

 4294938752

 4283236355

 4294946203

 4281270274

 4294953910


 4278190080

 4294961361

 4294967278


 4291493921


 4291499058

 4291504451

 4291509588

 4291514725

 4291520118

 4291525255

 4291530392

 4291535529

 4291540922

Harmonies

Analogous

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



4291952738



4291493921



4289283584

Triad

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



4291493921



4278221599



4278217964

Complementary

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



4291493921



4278242218

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.



4278221532



4291493921



4278222440

Square

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



4291493921



4281103360



4278222763



4284370902

Rectangle

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



4291493921



4287192064



4278222763



4278219499

Sweetspot

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



4291493921



4294947775



4289265867



4286599769



4278190080



4286611584

Same Dimension

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



4291493921



4294901801



4291511296



4284898397



4289069083



4280680454

Inverse Universe

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



4291493921



4294901801



4278224843



4284898397



4289069083



4280680454

Previews

White Background



This preview shows how the Android color 4291493921 looks on a white background.

Color Contrast Check

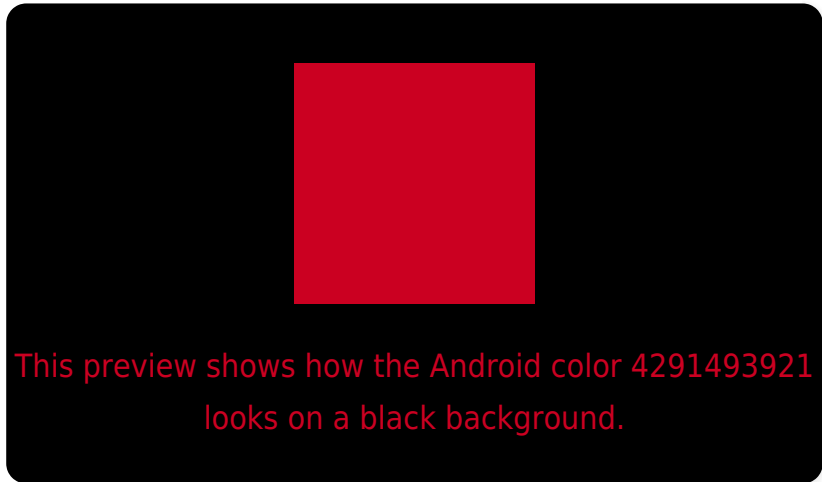
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291493921 Background



This preview shows how black text looks on a background with the Android color 4291493921.



This preview shows how white text looks on a background with the Android color 4291493921.

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
4291493921

Protanopia
4285622069

Deuteranopia
4286734600

Trichromacy



Original Color
4291493921

Protanomaly
4287775278

Deuteranomaly
4288495121

Tritanomaly
4291431180

Monochromacy



Original Color
4291493921

Achromatopsia
4282400832

Achromatomaly
4285737269

CSS Examples

Text

The CSS property to change the color of the text to Android 4291493921 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, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 33)  
}
```

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, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 33) }
```

Border

The CSS property to change the border of an element to Android 4291493921 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, 0, 33) }
```

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

```
.border{ border-color:rgb(203, 0, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 0, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(203, 0, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4291493921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 33) }
```

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

```
.background{ background-color: rgb(203, 0,  
33) }
```

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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