

Converting Colors

Android(4291504853)

Have a look what the booklet for
Android(4291504853) contains.

Android(4291504853)	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(4291504853)

Conversions

Conversions Part 1

Format	Color
Hex	CB2AD5
RGB	203, 42, 213
RGB Percent	80%, 16%, 84%
CMY	0.2039, 0.8353, 0.1647
CMYK	0.05, 0.80, 0.00, 0.16
HSL	296°, 67%, 50%
HSV	296°, 80%, 84%
XYZ	37.4668, 19.1565, 64.6737
YIQ	109.6330, 41.0650, 87.3130

Conversions

Conversions Part 2

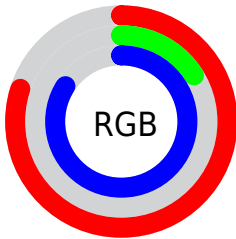
Format	Color
RYB	203, 42, 213
Decimal	13314773
CIELab	50.87, 78.38, -52.83
CIELCh	51, 94.520, 326.020
Yxy	19.1565, 0.3089, 0.1579
Android (android.graphics.Color)	4291504853 (0xFFFCB2AD5)
YUV	109.6330, 50.9599, 81.8829
Hunter-Lab	43.7682, 76.2068, -56.9716

Details

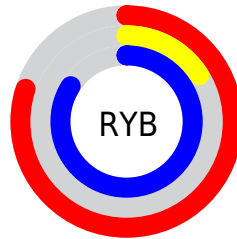
The Android color **4291504853** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **4281652522**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294929663**, and **4287627421** is the 20% darker color. If you saturate the color by 10%, you get **4291433941**, and if you desaturate by 10%, it is **4291575765**.

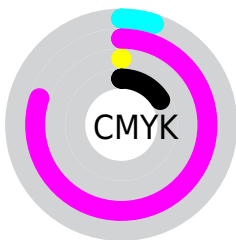
Distribution



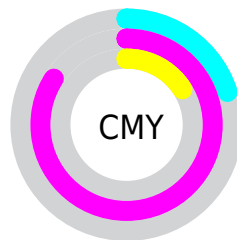
- Red (80%)
- Green (16%)
- Blue (84%)



- Red (80%)
- Yellow (16%)
- Blue (84%)



- Cyan (5%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291504853 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 4291504853 by changing the saturation by 10% instead.

 4291504853

 4291504853

4294967295

 4289527993

 4294929663

 4287627421

 4294937343

 4285726851

 4294944767

 4283891817

 4294952447

 4282187856

 4294960127

 4280156216

 4278190625

 4278190086

 4278190080

■ 4291504853

■ 4291504853

■ 4291433941

■ 4291575765

■ 4291363029

■ 4291646933

■ 4291783381

■ 4291854293

■ 4291925461

■ 4291996373

■ 4292132821

■ 4292203733

■ 4292274901

Harmonies

Analogous

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



4282083839



4291504853



4294639752

Triad

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



4291504853



4288508672



4278229439

Complementary

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



4291504853



4281652522

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.



4278229100



4291504853



4283271424

Square

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



4291504853



4292299008



4278227712



4278228735

Rectangle

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



4291504853



4294901843



4278227712



4278229412

Sweetspot

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



4291504853



4294689535



4280956373



4286405504



4278190080



4286611584

Same Dimension

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



4291504853



4293987071



4292160139



4285161579



4288741547



4280877099

Inverse Universe

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



4292160052



4294904345



4280997236



4285227105



4289396746



4281008131

Previews

White Background



This preview shows how the Android color 4291504853 looks on a white background.

Color Contrast Check

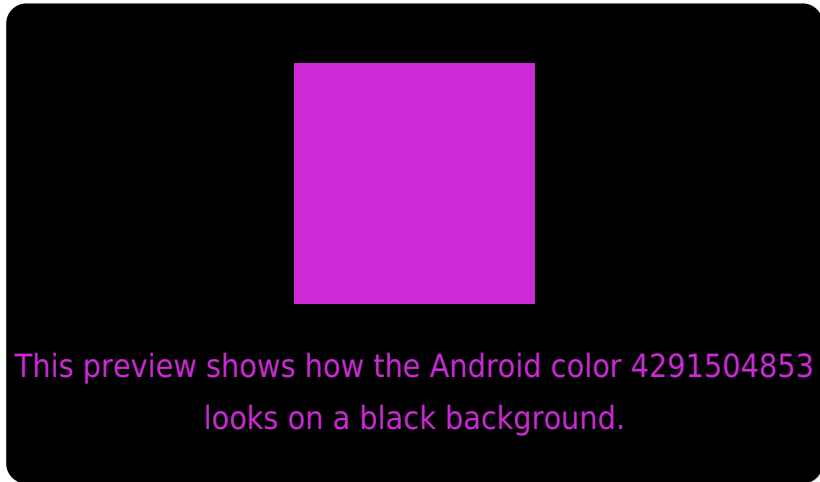
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

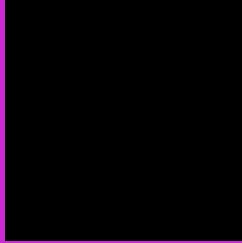
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4291504853 Background



This preview shows how black text looks on a background with the Android color 4291504853.



This preview shows how white text looks on a background with the Android color 4291504853.

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



Trichromacy



Original Color
4291504853



Protanomaly
4283063020



Deuteranomaly
4285947341



Tritanomaly
4290922891

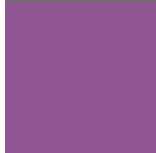
Monochromacy



Original Color
4291504853



Achromatopsia
4285427310



Achromatomaly
4287649171

CSS Examples

Text

The CSS property to change the color of the text to Android 4291504853 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, 42, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 42, 213)  
}
```

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, 42, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 42, 213) }
```

Border

The CSS property to change the border of an element to Android 4291504853 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, 42, 213) }
```

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

```
.border{ border-color:rgb(203, 42, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 42, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 42, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 42, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 42,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4291504853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 42, 213) }
```

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

```
.background{ background-color: rgb(203, 42,  
213) }
```

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