

Converting Colors

Android(4291533033)

Have a look what the booklet for
Android(4291533033) contains.

Android(4291533033)	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(4291533033)

Conversions

Conversions Part 1

Format	Color
Hex	CB98E9
RGB	203, 152, 233
RGB Percent	80%, 60%, 91%
CMY	0.2039, 0.4039, 0.0863
CMYK	0.13, 0.35, 0.00, 0.09
HSL	278°, 65%, 75%
HSV	278°, 35%, 91%
XYZ	50.5648, 41.0362, 82.3465
YIQ	176.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

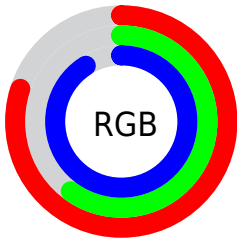
Format	Color
R_{YB}	203, 152, 233
Decimal	13342953
CIE _{Lab}	70.20, 33.58, -33.60
CIE _{LCh}	70, 47.503, 314.991
Yxy	41.0362, 0.2907, 0.2359
Android (android.graphics.Color)	4291533033 (0xFFCB98E9)
YUV	176.4830, 27.8629, 23.2554
Hunter-Lab	64.0595, 28.7934, -31.3738

Details

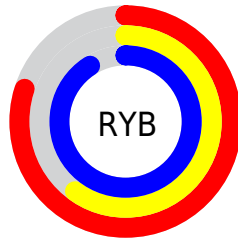
The Android color `4291533033` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290177432`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294955007`, and `4287915185` is the 20% darker color. If you saturate the color by 10%, you get `4290937321`, and if you desaturate by 10%, it is `4292128745`.

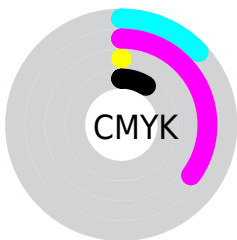
Distribution



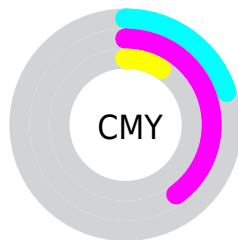
- Red (80%)
- Green (60%)
- Blue (91%)



- Red (80%)
- Yellow (60%)
- Blue (91%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)





- Cyan (20%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291533033 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 4291533033 by changing the saturation by 10% instead.

 4291533033

 4291533033

4294967295

 4289691341

 4294955007

 4287915185

 4294962175

 4286139286

 4284429436


 4282784867


 4281140298

 4279959604

 4278190621

 4278190080

 4291533033

 4291533033

 4290937321

 4292128745

 4290406889

 4292659177

 4289811177

 4293254889

 4289215465

 4293850601

 4288685289

 4294377449

 4288089321

 4294967273

 4287824105

Harmonies

Analogous

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



4287408639



4291533033



4294020035

Triad

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



4291533033



4292387415



4278239937

Complementary

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



4291533033



4290177432

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.



4282302612



4291533033



4289835093

Square

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



4291533033



4294218352



4286626413



4278239207

Rectangle

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



4291533033



4294740134



4286626413



4278239922

Sweetspot

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



4291533033



4294371071



4288198633



4286214272



4278190080



4286611584

Same Dimension

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



4291533033



4292318463



4293499104



4285622901



4285661365



4280418358

Inverse Universe

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



4293499062



4294939836



4288211361



4285885038



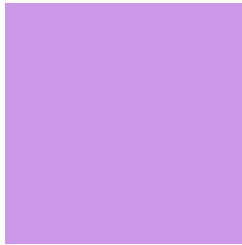
4290052163



4281729044

Previews

White Background



This preview shows how the Android color 4291533033 looks on a white background.

Color Contrast Check

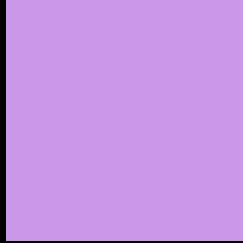
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291533033 looks on a 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 ✓ Pass

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

Android 4291533033 Background



This preview shows how black text looks on a background with the Android color 4291533033.



This preview shows how white text looks on a background with the Android color 4291533033.

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





Tritanopia
4290945968

Trichromacy



Original Color
4291533033



Protanomaly
4289176562



Deuteranomaly
4289569767



Tritanomaly
4291141573

Monochromacy



Original Color
4291533033



Achromatopsia
4289769648



Achromatomaly
4290422725

CSS Examples

Text

The CSS property to change the color of the text to Android 4291533033 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, 152, 233)` looks like.

```
.text, #text, p{  
    color:rgb(203, 152, 233)  
}
```

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, 152, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 152, 233) }
```

Border

The CSS property to change the border of an element to Android 4291533033 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, 152, 233) }
```

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

```
.border{ border-color:rgb(203, 152, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 152, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 152, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 152, 233);  
box-shadow:4px 4px 4px 4px rgb(203, 152,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4291533033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 152, 233) }
```

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

```
.background{ background-color: rgb(203,  
152, 233) }
```

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