

Converting Colors

Android(4291197934)

Have a look what the booklet for
Android(4291197934) contains.

Android(4291197934)	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(4291197934)

Conversions

Conversions Part 1

Format	Color
Hex	C67BEE
RGB	198, 123, 238
RGB Percent	78%, 48%, 93%
CMY	0.2235, 0.5176, 0.0667
CMYK	0.17, 0.48, 0.00, 0.07
HSL	279°, 77%, 71%
HSV	279°, 48%, 93%
XYZ	45.8043, 32.3447, 84.7179
YIQ	158.5350, 7.7850, 51.6650

Conversions

Conversions Part 2

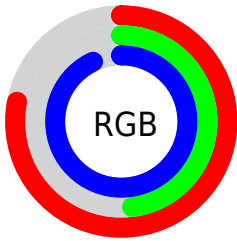
Format	Color
R_{YB}	198, 123, 238
Decimal	13007854
CIE _{Lab}	63.63, 48.79, -46.66
CIE _{LCh}	64, 67.510, 316.275
Yxy	32.3447, 0.2812, 0.1986
Android (android.graphics.Color)	4291197934 (0xFFC67BEE)
YUV	158.5350, 39.1762, 34.6108
Hunter-Lab	56.8724, 44.2347, -48.5085

Details

The Android color `4291197934` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288933499`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4294947327`, and `4287514549` is the 20% darker color. If you saturate the color by 10%, you get `4290667502`, and if you desaturate by 10%, it is `4291728366`.

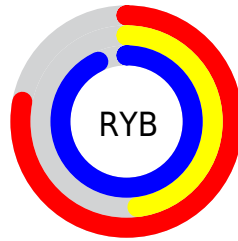
Distribution



Red (78%)

Green (48%)

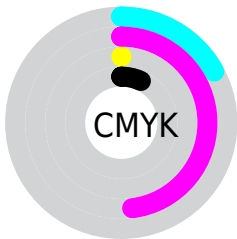
Blue (93%)



Red (78%)

Yellow (48%)

Blue (93%)

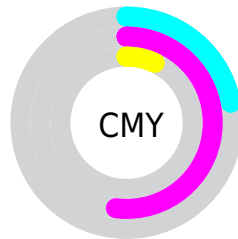


Cyan (17%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (22%)


Magenta (52%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291197934 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 4291197934 by changing the saturation by 10% instead.

 4291197934

 4291197934

4294967295

 4289356241

 4294947327

 4287514549

 4294954495

 4285672858

 4294961919

 4283961472

 4282187878

 4280483918

 4278190134

 4278190623

 4278190083

 4291197934

 4291197934

 4290667502

 4291728366

 4290071534

 4292324334

 4289541358

 4292854510

 4289010926

 4293384942

 4288480494

 4293915374

 4288348398

 4294508526

 4294967278

Harmonies

Analogous

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



4284389119



4291197934



4294468536

Triad

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



4291197934



4291726611



4278236858

Complementary

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



4291197934



4288933499

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.



4278236283



4291197934



4288258315

Square

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



4291197934



4294276165



4283477568



4278236144

Rectangle

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



4291197934



4294925712



4283477568



4278236837

Sweetspot

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



4291197934



4294171647



4286292974



4286081664



4278190080



4286611584

Same Dimension

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



4291197934



4291587071



4293819357



4285820024



4286054584



4280614968

Inverse Universe

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



4293819299



4294929311



4286312076



4286082160



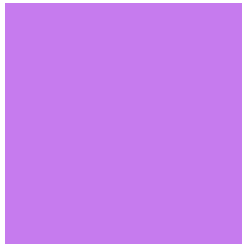
4290248768



4281860116

Previews

White Background



This preview shows how the Android color 4291197934 looks on a white background.

Color Contrast Check

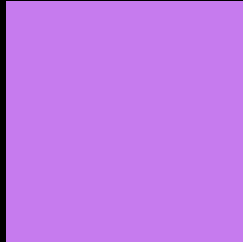
Large Text (above 18pt) WCAG AA × Fail

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 4291197934 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 4291197934 Background



This preview shows how black text looks on a background with the Android color 4291197934.




This preview shows how white text looks on a background with the Android color 4291197934.

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
4290351002

Trichromacy



Original Color
4291197934



Protanomaly
4287598073



Deuteranomaly
4287860714



Tritanomaly
4290676921

Monochromacy



Original Color
4291197934



Achromatopsia
4288651167



Achromatomaly
4289565372

CSS Examples

Text

The CSS property to change the color of the text to Android 4291197934 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(198, 123, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 123, 238)  
}
```

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(198, 123, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 123, 238) }
```

Border

The CSS property to change the border of an element to Android 4291197934 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(198, 123, 238) }
```

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

```
.border{ border-color:rgb(198, 123, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 123, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 123, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 123, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 123,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4291197934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 123, 238) }
```

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

```
.background{ background-color: rgb(198,  
123, 238) }
```

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