

Converting Colors

Android(4290877933)

Have a look what the booklet for
Android(4290877933) contains.

Android(4290877933)	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(4290877933)

Conversions

Conversions Part 1

Format	Color
Hex	C199ED
RGB	193, 153, 237
RGB Percent	76%, 60%, 93%
CMY	0.2431, 0.4000, 0.0706
CMYK	0.19, 0.35, 0.00, 0.07
HSL	269°, 70%, 76%
HSV	269°, 35%, 93%
XYZ	48.6696, 40.2343, 85.3216
YIQ	174.5360, -3.1240, 34.6040

Conversions

Conversions Part 2

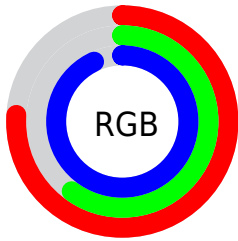
Format	Color
RYB	193, 153, 237
Decimal	12687853
CIELab	69.64, 30.89, -36.74
CIELCh	70, 48.001, 310.061
Yxy	40.2343, 0.2793, 0.2309
Android (android.graphics.Color)	4290877933 (0xFFC199ED)
YUV	174.5360, 30.7948, 16.1929
Hunter-Lab	63.4305, 25.9578, -35.3507

Details

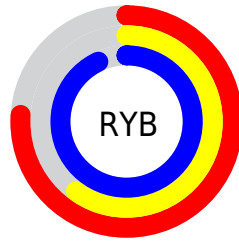
The Android color `4290877933` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4291161497`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4294627583`, and `4287260085` is the 20% darker color. If you saturate the color by 10%, you get `4290085357`, and if you desaturate by 10%, it is `4291670509`.

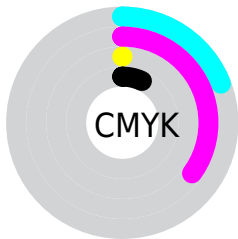
Distribution



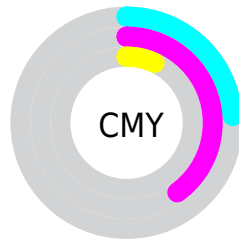
- Red (76%)
- Green (60%)
- Blue (93%)



- Red (76%)
- Yellow (60%)
- Blue (93%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290877933 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 4290877933 by changing the saturation by 10% instead.

 4290877933

 4290877933

4294967295

 4289036241

 4294627583

 4287260085

 4294962431

 4285549978

 4283839871

 4282195814

 4280485966

 4279304247


 4278190624

 4278190084

 4290877933

 4290877933

 4290085357

 4291670509

 4289227501

 4292528365

 4288434925

 4293320941

 4287576813

 4294179053

 4286784493

 4294967277

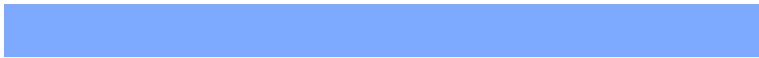
 4285991917

 4285595885

Harmonies

Analogous

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



4286425855



4290877933



4293626569

Triad

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



4290877933



4292713816



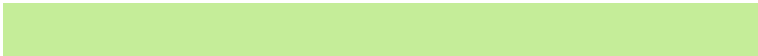
4278239672

Complementary

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



4290877933



4291161497

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.



4283022987



4290877933



4290161746

Square

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



4290877933



4294348404



4287084645



4278238945

Rectangle

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



4290877933



4294608556



4287084645



4278239401

Sweetspot

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



4290877933



4293977087



4288268013



4286017408



4278190080



4286611584

Same Dimension

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



4290877933



4291203583



4293564909



4285491829



4283826357



4279828534

Inverse Universe

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



4293761477



4294939083



4288474521



4285885040



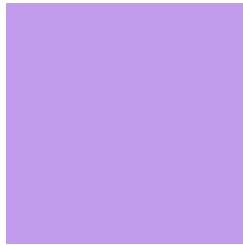
4290052191



4281729052

Previews

White Background



This preview shows how the Android color 4290877933 looks on a white background.

Color Contrast Check

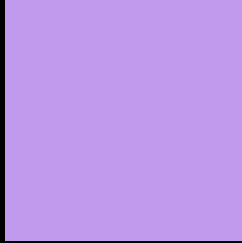
Large Text (above 18pt) WCAG AA × Fail

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 4290877933 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 4290877933 Background



This preview shows how black text looks on a background with the Android color 4290877933.



This preview shows how white text looks on a background with the Android color 4290877933.

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
4290877933

Protanopia
4287670521

Deuteranopia
4288063722



Tritanopia
4290225586

Trichromacy



Original Color

4290877933



Protanomaly

4288848885



Deuteranomaly

4289111019



Tritanomaly

4290486727

Monochromacy



Original Color

4290877933



Achromatopsia

4289703855



Achromatomaly

4290160582

CSS Examples

Text

The CSS property to change the color of the text to Android 4290877933 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(193, 153, 237)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 237)  
}
```

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(193, 153, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 237) }
```

Border

The CSS property to change the border of an element to Android 4290877933 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(193, 153, 237) }
```

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

```
.border{ border-color:rgb(193, 153, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 153, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 237);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4290877933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 237) }
```

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

```
.background{ background-color: rgb(193,  
153, 237) }
```

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