

Converting Colors

Android(4290470899)

Have a look what the booklet for
Android(4290470899) contains.

Android(4290470899)	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(4290470899)

Conversions

Conversions Part 1

Format	Color
Hex	BB63F3
RGB	187, 99, 243
RGB Percent	73%, 39%, 95%
CMY	0.2667, 0.6118, 0.0471
CMYK	0.23, 0.59, 0.00, 0.05
HSL	277°, 86%, 67%
HSV	277°, 59%, 95%
XYZ	41.1330, 25.9595, 87.6368
YIQ	141.7280, 6.2240, 63.4400

Conversions

Conversions Part 2

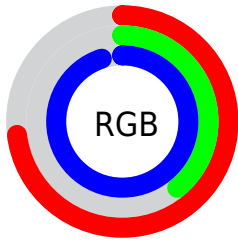
Format	Color
RYB	187, 99, 243
Decimal	12280819
CIELab	58.00, 59.24, -58.46
CIELCh	58, 83.225, 315.382
Yxy	25.9595, 0.2658, 0.1678
Android (android.graphics.Color)	4290470899 (0xFFBB63F3)
YUV	141.7280, 49.9271, 39.7035
Hunter-Lab	50.9505, 54.9420, -66.3156

Details

The Android color `4290470899` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4288410467`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4294351359`, and `4286721210` is the 20% darker color. If you saturate the color by 10%, you get `4289874931`, and if you desaturate by 10%, it is `4291066867`.

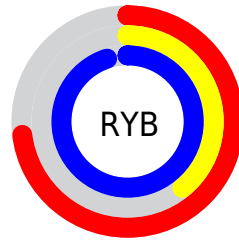
Distribution



Red (73%)

Green (39%)

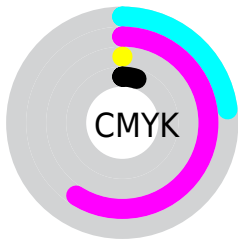
Blue (95%)



Red (73%)

Yellow (39%)

Blue (95%)

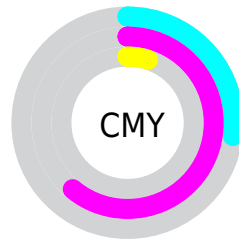


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (61%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290470899 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 4290470899 by changing the saturation by 10% instead.

 4290470899

 4290470899

4294967295

 4288563414

 4294351359

 4286721210

 4294948351

 4284876958

 4294955775

 4282974340

 4294963199

 4281073770

 4279042129

 4278190137

 4278190626

 4278190088

■ 4290470899

■ 4290470899

■ 4289874931

■ 4291066867

■ 4289213171

■ 4291728627

■ 4288617203

■ 4292324595

■ 4287955699

■ 4292986099

■ 4287889651

■ 4293582067

■ 4294243827

■ 4294836211

■ 4294967283

Harmonies

Analogous

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



4278225151



4290470899



4294522290

Triad

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



4290470899



4291197696



4278234032

Complementary

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



4290470899



4288410467

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.



4278233188



4290470899



4287009792

Square

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



4290470899



4294202914



4279935495



4278233331

Rectangle

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



4290470899



4294911362



4279935495



4278233751

Sweetspot

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



4290470899



4293775871



4284718579



4285883264



4278190080



4286611584

Same Dimension

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



4290470899



4290333439



4294140901



4285951610



4285661370



4280549435

Inverse Universe

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



4294140827



4294920848



4284740465



4286213747



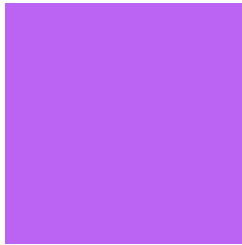
4290379848



4282056727

Previews

White Background



This preview shows how the Android color 4290470899 looks on a white background.

Color Contrast Check

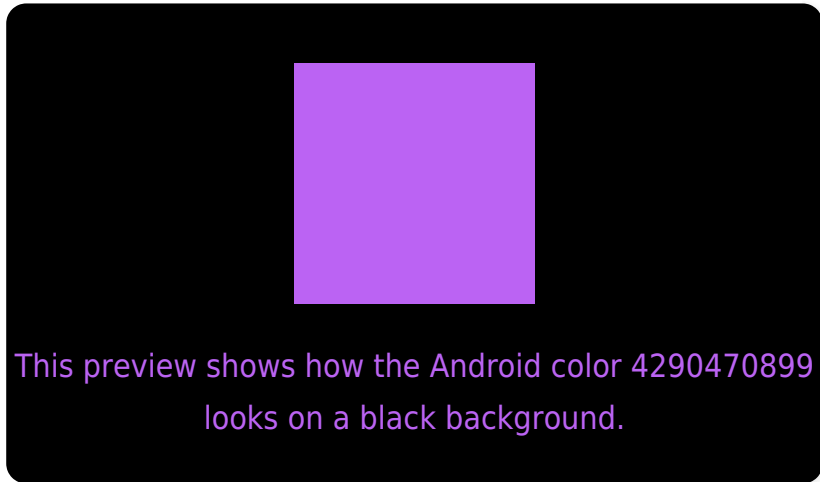
Large Text (above 18pt) WCAG AA ✓ Pass

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

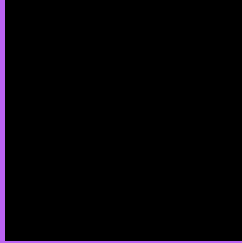
Any Text WCAG AA ✓ Pass

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 4290470899 Background



This preview shows how black text looks on a background with the Android color 4290470899.




This preview shows how white text looks on a background with the Android color 4290470899.

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
4289364106

Trichromacy



Original Color

4290470899



Protanomaly

4285955067



Deuteranomaly

4285693678



Tritanomaly

4289754544

Monochromacy



Original Color

4290470899



Achromatopsia

4287532686



Achromatomaly

4288577203

CSS Examples

Text

The CSS property to change the color of the text to Android 4290470899 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(187, 99, 243)` looks like.

```
.text, #text, p{  
    color:rgb(187, 99, 243)  
}
```

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(187, 99, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 99, 243) }
```

Border

The CSS property to change the border of an element to Android 4290470899 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(187, 99, 243) }
```

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

```
.border{ border-color:rgb(187, 99, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 99, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 99, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 99, 243);  
box-shadow:4px 4px 4px 4px rgb(187, 99,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4290470899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 99, 243) }
```

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

```
.background{ background-color: rgb(187, 99,  
243) }
```

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