

Converting Colors

Android(4290203371)

Have a look what the booklet for
Android(4290203371) contains.

Android(4290203371)	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(4290203371)

Conversions

Conversions Part 1

Format	Color
Hex	B74EEB
RGB	183, 78, 235
RGB Percent	72%, 31%, 92%
CMY	0.2824, 0.6941, 0.0784
CMYK	0.22, 0.67, 0.00, 0.08
HSL	280°, 80%, 61%
HSV	280°, 67%, 92%
XYZ	37.2482, 21.5142, 80.7867
YIQ	127.2930, 12.1830, 71.0870

Conversions

Conversions Part 2

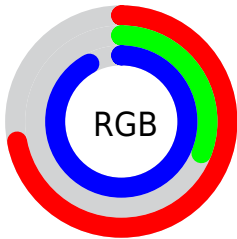
Format	Color
RYB	183, 78, 235
Decimal	12013291
CIELab	53.51, 66.29, -61.22
CIElCh	54, 90.238, 317.279
Yxy	21.5142, 0.2669, 0.1542
Android (android.graphics.Color)	4290203371 (0xFFB74EEB)
YUV	127.2930, 53.0996, 48.8550
Hunter-Lab	46.3834, 62.1735, -70.7979

Details

The Android color `4290203371` is a light color, and the websafe version is hex `CC66FF`. The color can be described as light muted purple. A complement of this color would be `4286769998`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4294084351`, and `4286384306` is the 20% darker color. If you saturate the color by 10%, you get `4289672939`, and if you desaturate by 10%, it is `4290733803`.

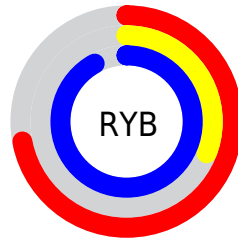
Distribution



Red (72%)

Green (31%)

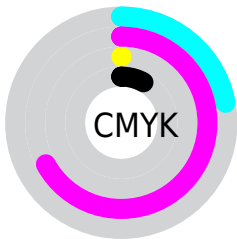
Blue (92%)



Red (72%)

Yellow (31%)

Blue (92%)

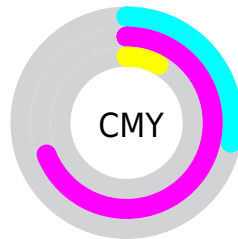


Cyan (22%)

Magenta (67%)

Yellow (0%)

Black (8%)



Cyan (28%)

Magenta (69%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290203371 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 4290203371 by changing the saturation by 10% instead.

 4290203371

 4290203371

4294967295

 4288295374

 4294084351

 4286384306

 4294943487

 4284547223

 4294950655

 4282646652

 4294958079

 4280746082

 4294965759

 4278190154

 4278191154

 4278190364

 4278190080

4290203371

4290203371

4289672939

4290733803

4289142763

4291263979

4288677867

4291728619

4288479467

4292259051

4292789227

4293319659

4293784555

4294311915

4294836203

Harmonies

Analogous

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



4278221823



4290203371



4294312100

Triad

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



4290203371



4290211840



4278231212

Complementary

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



4290203371



4286769998

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.



4278230363



4290203371



4285696512

Square

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



4290203371



4293477376



4278228736



4278230770

Rectangle

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



4290203371



4294901873



4278228736



4278230930

Sweetspot

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



4290203371



4293840127



4283335403



4285882752



4278190080



4286611584

Same Dimension

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



4290203371



4290458623



4293611217



4285622901



4286120117



4280549430

Inverse Universe

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



4293611138



4294914935



4283362152



4285885037



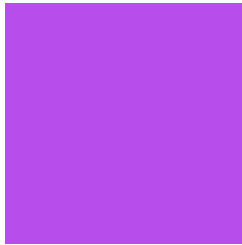
4290052156



4281729042

Previews

White Background



This preview shows how the Android color 4290203371 looks on a white background.

Color Contrast Check

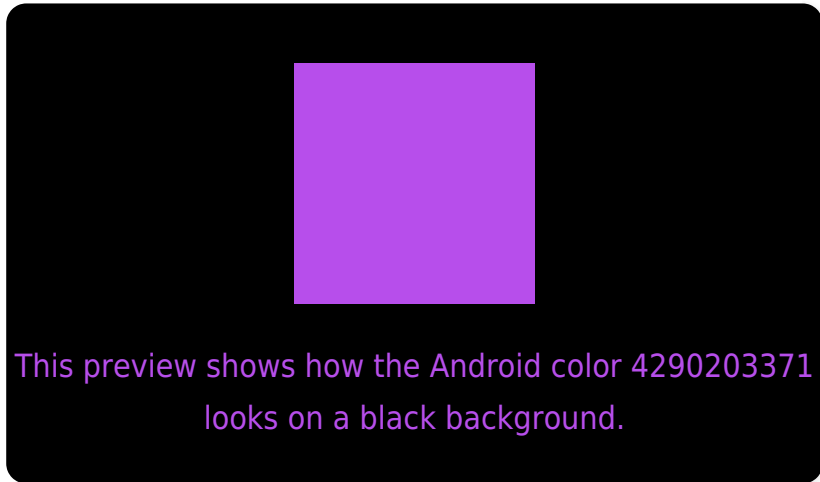
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290203371 Background



This preview shows how black text looks on a background with the Android color 4290203371.



This preview shows how white text looks on a background with the Android color 4290203371.

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
4290203371



Protanomaly
4284181496



Deuteranomaly
4284379109



Tritanomaly
4289488291

Monochromacy



Original Color
4290203371



Achromatopsia
4286545791



Achromatomaly
4287851942

CSS Examples

Text

The CSS property to change the color of the text to Android 4290203371 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(183, 78, 235)` looks like.

```
.text, #text, p{  
    color:rgb(183, 78, 235)  
}
```

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(183, 78, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 78, 235) }
```

Border

The CSS property to change the border of an element to Android 4290203371 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(183, 78, 235) }
```

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

```
.border{ border-color:rgb(183, 78, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 78, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 78, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 78, 235); box-shadow:4px 4px 4px 4px rgb(183, 78, 235) }
```

Background

The CSS property to change the background color of an element to Android 4290203371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 78, 235) }
```

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

```
.background{ background-color: rgb(183, 78,  
235) }
```

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