Converting Colors

Android(4290380002)

Have a look what the booklet for Android(4290380002) contains.

Color

Android(4290380002)

Conversions

Conversions Part 1

Format	Color
Hex	BA00E2
RGB	186, 0, 226
RGB Percent	73%, 0%, 89%
CMY	0.2706, 1.0000, 0.1137
CMYK	0.18, 1.00, 0.00, 0.11
HSL	289°, 100%, 44%
HSV	289°, 100%, 89%
XYZ	33.9772, 15.9301, 73.2355
YIQ	81.3780, 38.3100, 109.7180

Conversions

Conversions Part 2

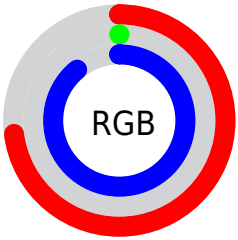
Format	Color
RYB	186, 0, 226
Decimal	12189922
CIELab	46.88, 83.81, -66.82
CIELCh	47, 107.185, 321.438
Yxy	15.9301, 0.2759, 0.1294
Android (android.graphics.Color)	4290380002 (0xFFBA00E2)
YUV	81.3780, 71.2986, 91.7535
Hunter-Lab	39.9125, 82.1085, -80.8525

Details

The Android color 4290380002 is a dark color, and the websafe version is hex CC33FF. The color can be described as middle washed purple. A complement of this color would be 4280869376, and the grayscale version is 4283519313.

A 20% lighter version of the original color is 4294401023, and 4286513321 is the 20% darker color. If you saturate the color by 10%, you get 4290380002, and if you desaturate by 10%, it is 4290648034.

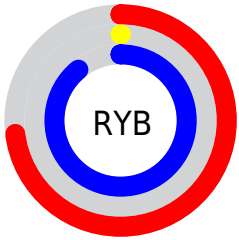
Distribution



Red (73%)

Green (0%)

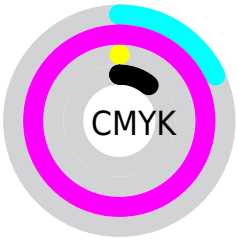
Blue (89%)



Red (73%)

Yellow (0%)

Blue (89%)

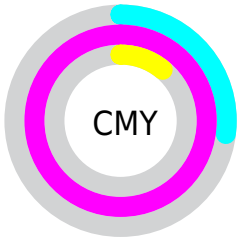


Cyan (18%)

Magenta (100%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (100%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290380002 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 4290380002 by changing the saturation by 10% instead.

4290380002

4294967295

4294401023

4294932991

4294940671

4294948351

4294956031

4294963711

4290380002

4288413893

4286513321

4284547214

4282581108

4280615002

4278190145

4278190890

4278190356

4278190080

4290380002

4290648034

4290915810

4291183842

4291451618

4291719650

4291987682

4292255458

4292523490

4292791266

Harmonies

Analogous

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

4278216191

4290380002

4294508685

Triad

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

4290380002

4288504576

4278227120

Complementary

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

4290380002

4280869376

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.

4278226513

4290380002

4282875392

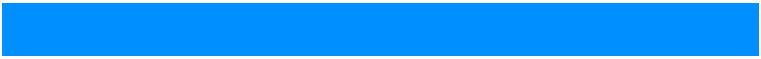
Square

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

4290380002

4292550656

4278225152



4278226942

Rectangle

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

4290380002

4294901842

4278225152

4278227089

Sweetspot

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

4290380002

4294030335

4278200802

4286009984

4278190080

4286611584

Same Dimension

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

4290380002

4291952895

4293001370

4285425008

4287692976

4280811568

Inverse Universe

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

4293001256

4294901805

4278248008

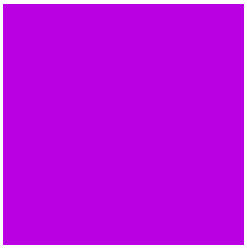
4285556071

4289724447

4281335817

Previews

White Background

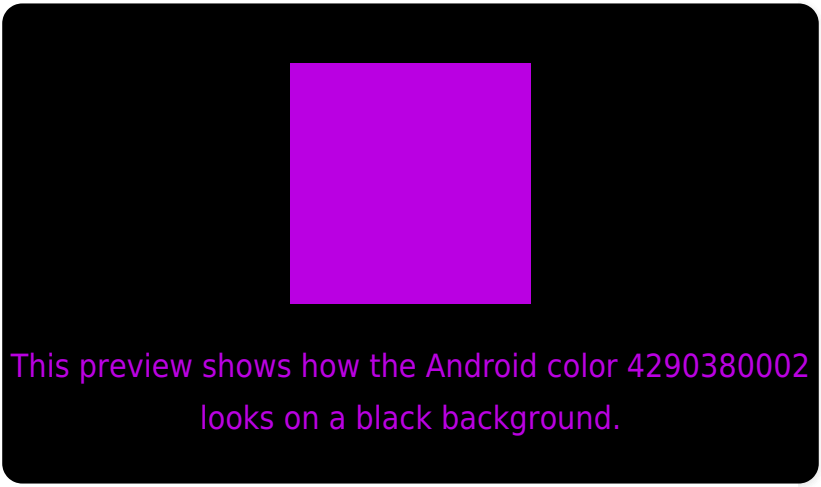


This preview shows how the Android color 4290380002 looks on a white background.

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

Black Background

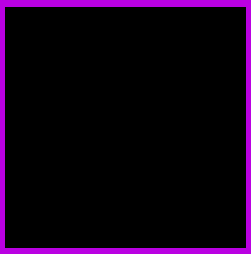


Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4290380002 Background



This preview shows how black text looks on a background with the Android color 4290380002.

This preview shows how white text looks on a background with the Android color 4290380002.

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.

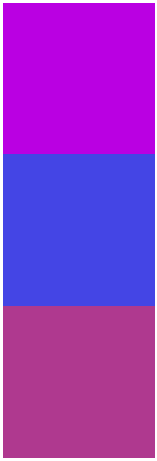
Dichromacy

Original Color
4290380002

Protanopia
4278218214

Tritanopia
4289223007

Trichromacy



Original Color
4290380002

Protanomaly
4282664421

Tritanomaly
4289673615

Monochromacy

Original Color
4290380002

Achromatopsia
4283519313

Achromatomaly
4286002310

CSS Examples

Text

The CSS property to change the color of the text to Android 4290380002 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(186, 0, 226) looks like.

```
.text, #text, p{
    color:rgb(186, 0, 226)
}
```

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(186, 0, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 226) }
```

Border

The CSS property to change the border of an element to Android 4290380002 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(186, 0, 226) }
```

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

```
.border{ border-color:rgb(186, 0, 226) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 0, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 0, 226); box-shadow:4px 4px 4px 4px rgb(186, 0, 226) }
```

Background

The CSS property to change the background color of an element to Android 4290380002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 0, 226) }
```

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

```
.background{ background-color:rgb(186, 0,
226) }
```

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.

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