

Converting Colors

Android(4291297535)

Have a look what the booklet for
Android(4291297535) contains.

| | |
|--|----|
| Android(4291297535) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

Android(4291297535)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C800FF |
| RGB | 200, 0, 255 |
| RGB Percent | 78%, 0%, 100% |
| CMY | 0.2157, 1.0000, 0.0000 |
| CMYK | 0.22, 1.00, 0.00, 0.00 |
| HSL | 287°, 100%, 50% |
| HSV | 287°, 100%, 100% |
| XYZ | 41.8694, 19.4994, 96.1647 |
| YIQ | 88.8700, 37.3450, 121.7050 |

Conversions

Conversions Part 2

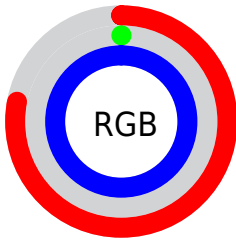
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 200, 0, 255 |
| Decimal | 13107455 |
| CIE _{Lab} | 51.27, 90.50, -75.91 |
| CIE _{LCh} | 51, 118.123, 320.010 |
| Yxy | 19.4994, 0.2658, 0.1238 |
| Android (android.graphics.Color) | 4291297535 (0xFFC800FF) |
| YUV | 88.8700, 81.9021, 97.4610 |
| Hunter-Lab | 44.1581, 91.9719, -98.2074 |

Details

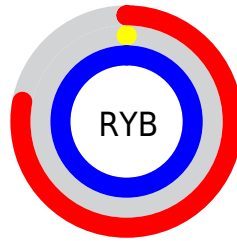
The Android color `4291297535` is a light color, and the websafe version is hex `CC00FF`. The color can be described as light saturated magenta. A complement of this color would be `4281859840`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4294926335`, and `4287299781` is the 20% darker color. If you saturate the color by 10%, you get `4291297535`, and if you desaturate by 10%, it is `4291697151`.

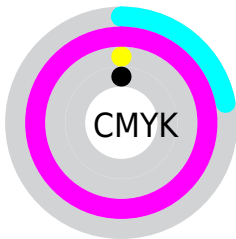
Distribution



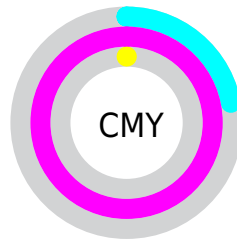
- Red (78%)
- Green (0%)
- Blue (100%)



- Red (78%)
- Yellow (0%)
- Blue (100%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291297535 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 4291297535 by changing the saturation by 10% instead.

 4291297535

 4291297535

4294967295

 4289331426

 4294926335

 4287299781

 4294934527

 4285333673

 4294942207

 4283302029

 4294950143

 4281270387

 4294957823


 4278190169

 4294965503

 4278190144

 4278190889

 4278190355

 4291297535

 4291697151

 4292031487

 4292431359

 4292765439

 4293165311

 4293499391

 4293899263

 4294233343

 4294633215

Harmonies

Analogous

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



4278219263



4291297535



4294901921

Triad

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



4291297535



4289817088



4278230974

Complementary

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



4291297535



4281859840

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.



4278230100



4291297535



4283533568

Square

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



4291297535



4294184960



4278228736



4278230783

Rectangle

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



4291297535



4294901855



4278228736



4278230683

Sweetspot

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



4291297535



4293899263



4278204415



4285944448



4278190080



4286611584

Same Dimension

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



4291297535



4294901943



4286411648



4288020671



4281466944

Inverse Universe

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



4294901815



4278255432



4286608246



4290707497



4282384398

Previews

White Background



This preview shows how the Android color 4291297535 looks on a white background.

Color Contrast Check

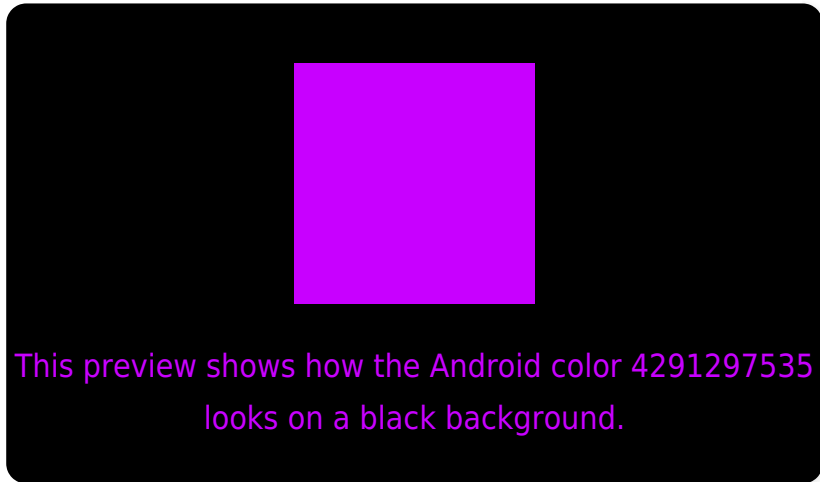
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291297535 Background



This preview shows how black text looks on a background with the Android color 4291297535.



This preview shows how white text looks on a background with the Android color 4291297535.

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

4291297535



Protanomaly

4282993916



Deuteranomaly

4282994921



Tritanomaly

4290396321

Monochromacy



Original Color

4291297535



Achromatopsia

4284045657



Achromatomaly

4286658965

CSS Examples

Text

The CSS property to change the color of the text to Android 4291297535 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(200, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 255)  
}
```

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(200, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 255) }
```

Border

The CSS property to change the border of an element to Android 4291297535 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(200, 0, 255) }
```

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

```
.border{ border-color:rgb(200, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 0,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4291297535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 255) }
```

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

```
.background{ background-color: rgb(200, 0,  
255) }
```

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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