

Converting Colors

Android(4291790335)

Have a look what the booklet for
Android(4291790335) contains.

Android(4291790335)	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(4291790335)

Conversions

Conversions Part 1

Format	Color
Hex	CF85FF
RGB	207, 133, 255
RGB Percent	81%, 52%, 100%
CMY	0.1882, 0.4784, 0.0000
CMYK	0.19, 0.48, 0.00, 0.00
HSL	276°, 100%, 76%
HSV	276°, 48%, 100%
XYZ	52.1697, 37.2605, 99.0501
YIQ	169.0340, 4.9420, 53.6300

Conversions

Conversions Part 2

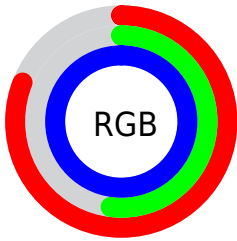
Format	Color
R_{YB}	207, 133, 255
Decimal	13600255
CIE _{Lab}	67.47, 49.59, -49.87
CIE _{LCh}	67, 70.330, 314.838
Yxy	37.2605, 0.2768, 0.1977
Android (android.graphics.Color)	4291790335 (0xFFCF85FF)
YUV	169.0340, 42.3812, 33.2962
Hunter-Lab	61.0413, 45.7346, -53.4793

Details

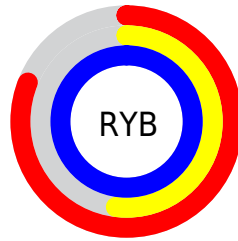
The Android color `4291790335` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4290117509`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294950143`, and `4288041414` is the 20% darker color. If you saturate the color by 10%, you get `4291128575`, and if you desaturate by 10%, it is `4292452351`.

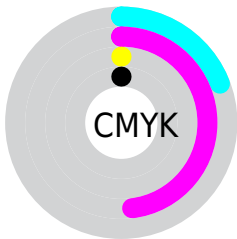
Distribution



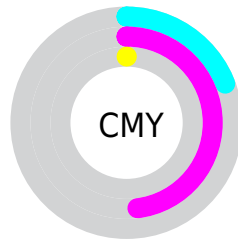
- Red (81%)
- Green (52%)
- Blue (100%)



- Red (81%)
- Yellow (52%)
- Blue (100%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291790335 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 4291790335 by changing the saturation by 10% instead.

 4291790335

 4291790335

4294967295

 4289883106

 4294950143

 4288041414

 4294957311

 4286199722

 4294964735

 4284423311

 4282646645

 4280811612


 4279107651

 4278190892

 4278190358

 4291790335

 4291790335

 4291128575

 4292452351

 4290466559

 4293114111

 4289804799

 4293776127

 4289142783

 4294437887

 4288481023

4294967295

 4288348415

Harmonies

Analogous

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



4284326399



4291790335



4294929351

Triad

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



4291790335



4292777498



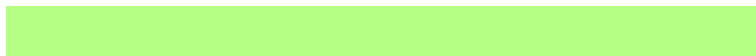
4278239939

Complementary

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



4291790335



4290117509

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.



4278239361



4291790335



4289112845

Square

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



4291790335



4294933325



4284266819



4278239229

Rectangle

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



4291790335



4294927517



4284266819



4278239917

Sweetspot

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



4291790335



4294040575



4286953215



4286016128



4278190080



4286611584

Same Dimension

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



4291790335



4291194623



4294936051



4286215040



4285792447



4280746048

Inverse Universe

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



4294935989



4294930087



4286971793



4286608248



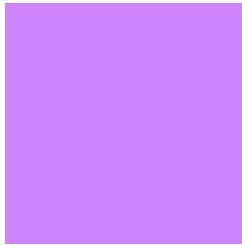
4290707531



4282384409

Previews

White Background



This preview shows how the Android color 4291790335 looks on a white background.

Color Contrast Check

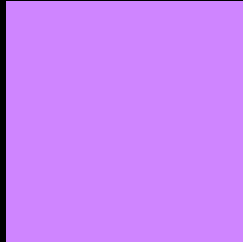
Large Text (above 18pt) WCAG AA × Fail

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 4291790335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

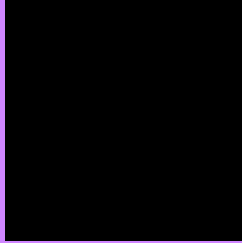
Any Text WCAG AA ✓ Pass

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 4291790335 Background



This preview shows how black text looks on a background with the Android color 4291790335.




This preview shows how white text looks on a background with the Android color 4291790335.

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
4290878118

Trichromacy



Original Color

4291790335



Protanomaly

4288518143



Deuteranomaly

4288322043

Tritanomaly

4291203782

Monochromacy



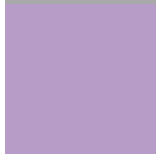
Original Color

4291790335



Achromatopsia

4289309097



Achromatomaly

4290223304

CSS Examples

Text

The CSS property to change the color of the text to Android 4291790335 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(207, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 133, 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(207, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 133, 255) }
```

Border

The CSS property to change the border of an element to Android 4291790335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

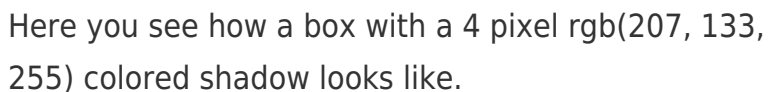
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 133, 255) }
```

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

```
.border{ border-color:rgb(207, 133, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 133,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4291790335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 133, 255) }
```

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

```
.background{ background-color: rgb(207,  
133, 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](#).

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