

Converting Colors

Android(4291639291)

Have a look what the booklet for
Android(4291639291) contains.

Android(4291639291)	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(4291639291)

Conversions

Conversions Part 1

Format	Color
Hex	CD37FB
RGB	205, 55, 251
RGB Percent	80%, 22%, 98%
CMY	0.1961, 0.7843, 0.0157
CMYK	0.18, 0.78, 0.00, 0.02
HSL	286°, 96%, 60%
HSV	286°, 78%, 98%
XYZ	43.9556, 22.6765, 93.3271
YIQ	122.1940, 26.4840, 92.7560

Conversions

Conversions Part 2

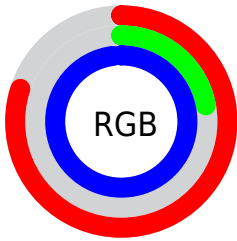
Format	Color
RYB	205, 55, 251
Decimal	13449211
CIELab	54.74, 81.76, -68.02
CIELCh	55, 106.353, 320.240
Yxy	22.6765, 0.2748, 0.1418
Android (android.graphics.Color)	4291639291 (0xFFCD37FB)
YUV	122.1940, 63.5014, 72.6209
Hunter-Lab	47.6199, 81.4298, -82.8646

Details

The Android color `4291639291` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed magenta. A complement of this color would be `4284873527`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4294932223`, and `4287692993` is the 20% darker color. If you saturate the color by 10%, you get `4291239675`, and if you desaturate by 10%, it is `4292038907`.

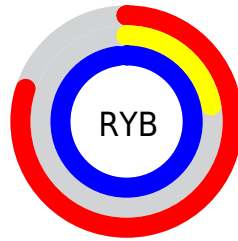
Distribution



Red (80%)

Green (22%)

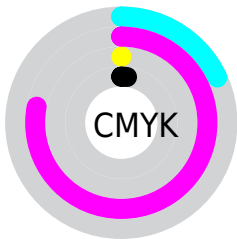
Blue (98%)



Red (80%)

Yellow (22%)

Blue (98%)

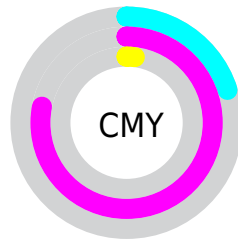


Cyan (18%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (20%)


Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291639291 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 4291639291 by changing the saturation by 10% instead.

 4291639291

 4291639291

4294967295

 4289659102

 4294932223

 4287692993

 4294939903

 4285792421

 4294947583

 4283826314

 4294955007

 4281860208

 4294962687

 4279566422

 4278190142

 4278190887

 4278190352

4291639291

4291639291

4291239675

4292038907

4290840059

4292438523

4290773243

4292838139

4293237755

4293572091

4293971707

4294371323

4294770683

4294967291

Harmonies

Analogous

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



4278221567



4291639291



4294901925

Triad

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



4291639291



4290278656



4278233025

Complementary

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



4291639291



4284873527

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.



4278232161



4291639291



4284780800

Square

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



4291639291



4294327040



4278230784



4278232575

Rectangle

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



4291639291



4294901865



4278230784



4278232738

Sweetspot

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



4291639291



4294034687



4281821435



4286012544



4278190080



4286611584

Same Dimension

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



4291639291



4291235839



4294653898



4286214269



4287627453



4281270333

Inverse Universe

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



4294653797



4294905672



4281858920



4286410867



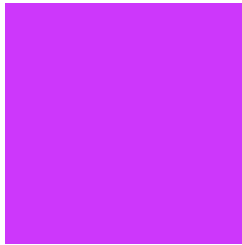
4290576428



4282187790

Previews

White Background



This preview shows how the Android color 4291639291 looks on a white background.

Color Contrast Check

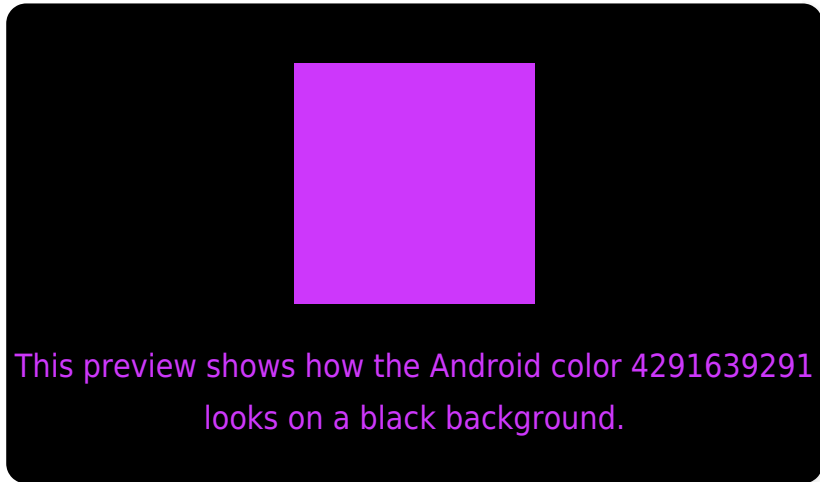
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291639291 Background



This preview shows how black text looks on a background with the Android color 4291639291.



This preview shows how white text looks on a background with the Android color 4291639291.

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

4291639291



Protanomaly

4285228542



Deuteranomaly

4283132401



Tritanomaly

4290861477

Monochromacy



Original Color

4291639291



Achromatopsia

4286216826



Achromatomaly

4288176809

CSS Examples

Text

The CSS property to change the color of the text to Android 4291639291 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(205, 55, 251)` looks like.

```
.text, #text, p{  
    color:rgb(205, 55, 251)  
}
```

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(205, 55, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 55, 251) }
```

Border

The CSS property to change the border of an element to Android 4291639291 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(205, 55, 251) }
```

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

```
.border{ border-color:rgb(205, 55, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 55, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 55, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 55, 251); box-shadow:4px 4px 4px 4px rgb(205, 55, 251) }
```

Background

The CSS property to change the background color of an element to Android 4291639291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 55, 251) }
```

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

```
.background{ background-color: rgb(205, 55,  
251) }
```

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