

Converting Colors

Android(4291114995)

Have a look what the booklet for
Android(4291114995) contains.

Android(4291114995)	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(4291114995)

Conversions

Conversions Part 1

Format	Color
Hex	C537F3
RGB	197, 55, 243
RGB Percent	77%, 22%, 95%
CMY	0.2275, 0.7843, 0.0471
CMYK	0.19, 0.77, 0.00, 0.05
HSL	285°, 89%, 58%
HSV	285°, 77%, 95%
XYZ	40.5698, 21.0738, 86.7234
YIQ	118.8900, 24.2840, 88.5720

Conversions

Conversions Part 2

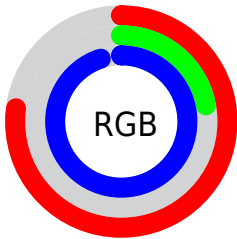
Format	Color
RYB	197, 55, 243
Decimal	12924915
CIELab	53.03, 78.92, -66.37
CIElCh	53, 103.122, 319.936
Yxy	21.0738, 0.2734, 0.1420
Android (android.graphics.Color)	4291114995 (0xFFC537F3)
YUV	118.8900, 61.1862, 68.5025
Hunter-Lab	45.9062, 77.4145, -79.8731

Details

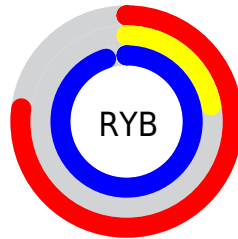
The Android color `4291114995` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed magenta. A complement of this color would be `4284871479`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4294931967`, and `4287234234` is the 20% darker color. If you saturate the color by 10%, you get `4290715635`, and if you desaturate by 10%, it is `4291514355`.

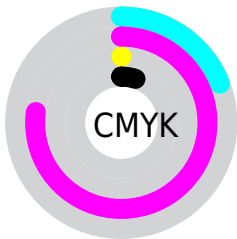
Distribution



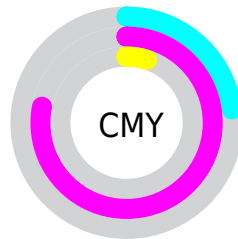
- Red (77%)
- Green (22%)
- Blue (95%)



- Red (77%)
- Yellow (22%)
- Blue (95%)



- Cyan (19%)
- Magenta (77%)
- Yellow (0%)
- Black (5%)




- Cyan (23%)
- Magenta (78%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291114995 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 4291114995 by changing the saturation by 10% instead.

 4291114995

 4291114995

4294967295

 4289135830

 4294931967

 4287234234

 4294939391

 4285268126

 4294947071

 4283367555

 4294954495

 4281466985

 4294962175

 4278845520

 4278190392

 4278190625

 4278190086

■ 4291114995

■ 4291114995

■ 4290715635

■ 4291514355

■ 4290316019

■ 4291913971

■ 4290248947

■ 4292313331

■ 4292712691

■ 4293112051

■ 4293511667

■ 4293911027

■ 4294310387

■ 4294705139

Harmonies

Analogous

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



4278220543



4291114995



4294901921

Triad

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



4291114995



4289949952



4278231481

Complementary

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



4291114995



4284871479

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.



4278230877



4291114995



4284648448

Square

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



4291114995



4293867776



4278229248



4278231039

Rectangle

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



4291114995



4294901862



4278229248



4278231451

Sweetspot

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



4291114995



4294034687



4281820915



4286012544



4278190080



4286611584

Same Dimension

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



4291114995



4291105535



4294129604



4286017146



4287430842



4281073723

Inverse Universe

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



4294129509



4294906444



4281856870



4286213745



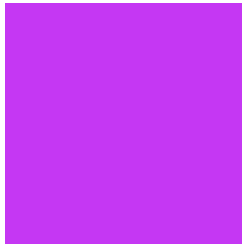
4290379822



4282056718

Previews

White Background



This preview shows how the Android color 4291114995 looks on a white background.

Color Contrast Check

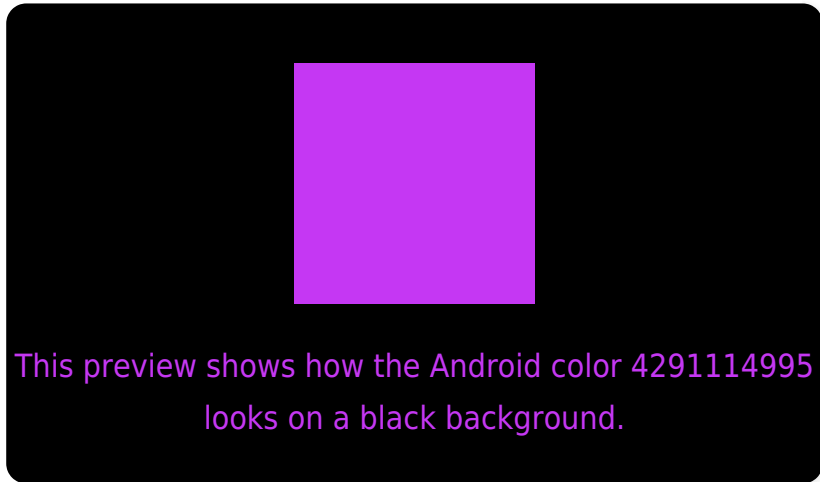
Large Text (above 18pt) WCAG AA ✓ Pass

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

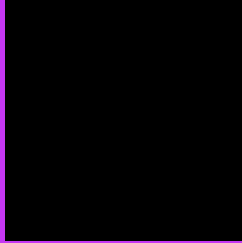
Any Text WCAG AA ✓ Pass

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 4291114995 Background



This preview shows how black text looks on a background with the Android color 4291114995.



This preview shows how white text looks on a background with the Android color 4291114995.

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

4291114995



Protanomaly

4284113659



Deuteranomaly

4282935018



Tritanomaly

4290336672

Monochromacy



Original Color

4291114995



Achromatopsia

4286019447



Achromatomaly

4287848612

CSS Examples

Text

The CSS property to change the color of the text to Android 4291114995 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(197, 55, 243)` looks like.

```
.text, #text, p{  
    color:rgb(197, 55, 243)  
}
```

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(197, 55, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 55, 243) }
```

Border

The CSS property to change the border of an element to Android 4291114995 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(197, 55, 243) }
```

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

```
.border{ border-color:rgb(197, 55, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 55, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 55, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 55, 243);  
box-shadow:4px 4px 4px 4px rgb(197, 55,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4291114995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 55, 243) }
```

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

```
.background{ background-color: rgb(197, 55,  
243) }
```

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