

Converting Colors

Android(4289012223)

Have a look what the booklet for
Android(4289012223) contains.

Android(4289012223)	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(4289012223)

Conversions

Conversions Part 1

Format	Color
Hex	A521FF
RGB	165, 33, 255
RGB Percent	65%, 13%, 100%
CMY	0.3529, 0.8706, 0.0000
CMYK	0.35, 0.87, 0.00, 0.00
HSL	276°, 100%, 56%
HSV	276°, 87%, 100%
XYZ	34.1109, 16.3070, 95.9575
YIQ	97.7760, 7.4100, 97.0260

Conversions

Conversions Part 2

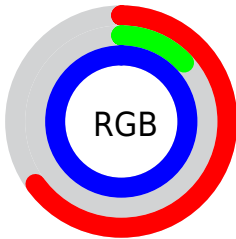
Format	Color
R _Y B	165, 33, 255
Decimal	10822143
CIE Lab	47.37, 82.15, -82.48
CIE LCh	47, 116.417, 314.885
Yxy	16.3070, 0.2330, 0.1114
Android (android.graphics.Color)	4289012223 (0xFFA521FF)
YUV	97.7760, 77.5114, 58.9554
Hunter-Lab	40.3820, 80.1116, -112.6202

Details

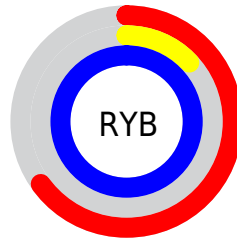
The Android color `4289012223` is a light color, and the websafe version is hex `9933FF`. The color can be described as light washed purple. A complement of this color would be `4286316321`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4293092607`, and `4284940485` is the 20% darker color. If you saturate the color by 10%, you get `4288350463`, and if you desaturate by 10%, it is `4289673983`.

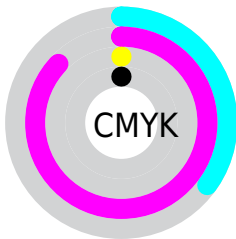
Distribution



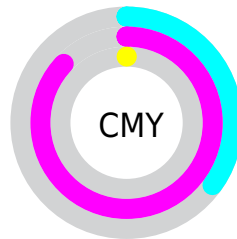
- Red (65%)
- Green (13%)
- Blue (100%)



- Red (65%)
- Yellow (13%)
- Blue (100%)



- Cyan (35%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289012223 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 4289012223 by changing the saturation by 10% instead.

 4289012223

 4289012223

4294967295

 4286972130

 4293092607

 4284940485

 4294935039

 4282777769

 4294942719

 4280090765

 4294950143

 4278190195

 4294957567

 4278190169

 4294965247

 4278191936

 4278190889

 4278190355

■ 4289012223

■ 4289012223

■ 4288350463

■ 4289673983

■ 4288151807

■ 4290401535

■ 4291063295

■ 4291725311

■ 4292452863

■ 4293114623

■ 4293776383

■ 4294503935

4294967295

Harmonies

Analogous

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



4278219007



4289012223



4294705318

Triad

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



4289012223



4289812736



4278227873

Complementary

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



4289012223



4286316321

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.



4278227000



4289012223



4284185600

Square

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



4289012223



4293787648



4278225408



4278228221

Rectangle

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



4289012223



4294901862



4278225408



4278227583

Sweetspot

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



4289012223



4293180927



4280385279



4285487232



4278190080



4286611584

Same Dimension

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



4289012223



4288151807



4294910445



4286215040



4285661375



4280680512

Inverse Universe

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



4294910331



4294901863



4280418099



4286608248



4290707534



4282384410

Previews

White Background



This preview shows how the Android color 4289012223 looks on a white background.

Color Contrast Check

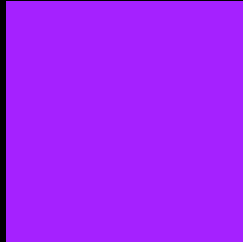
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4289012223 looks on a 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 4289012223 Background



This preview shows how black text looks on a background with the Android color 4289012223.



This preview shows how white text looks on a background with the Android color 4289012223.

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


4289012223

Protanopia

4278218213

Deuteranopia

4278219718



Tritanopia
4287194991

Trichromacy



Original Color

4289012223



Protanomaly

4282143214



Deuteranomaly

4282144219



Tritanomaly

4287844003

Monochromacy



Original Color

4289012223



Achromatopsia

4284637794



Achromatomaly

4286204571

CSS Examples

Text

The CSS property to change the color of the text to Android 4289012223 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(165, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 33, 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(165, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 33, 255) }
```

Border

The CSS property to change the border of an element to Android 4289012223 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(165, 33, 255) }
```

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

```
.border{ border-color:rgb(165, 33, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 33, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 33,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4289012223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 33, 255) }
```

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

```
.background{ background-color: rgb(165, 33,  
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