

Converting Colors

Android(4289429747)

Have a look what the booklet for
Android(4289429747) contains.

Android(4289429747)	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(4289429747)

Conversions

Conversions Part 1

Format	Color
Hex	AB80F3
RGB	171, 128, 243
RGB Percent	67%, 50%, 95%
CMY	0.3294, 0.4980, 0.0471
CMYK	0.30, 0.47, 0.00, 0.05
HSL	262°, 83%, 73%
HSV	262°, 47%, 95%
XYZ	40.6914, 30.5673, 88.5494
YIQ	153.9670, -11.2870, 44.8810

Conversions

Conversions Part 2

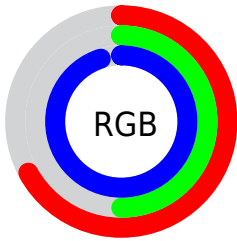
Format	Color
R _Y B	171, 128, 243
Decimal	11239667
CIE _{Lab}	62.14, 40.03, -51.96
CIE _{LCh}	62, 65.588, 307.610
Y _{xy}	30.5673, 0.2546, 0.1913
Android (android.graphics.Color)	4289429747 (0xFFAB80F3)
YUV	153.9670, 43.8933, 14.9379
Hunter-Lab	55.2877, 34.6213, -56.2581

Details

The Android color `4289429747` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4291359616`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4293244671`, and `4285746874` is the 20% darker color. If you saturate the color by 10%, you get `4288440563`, and if you desaturate by 10%, it is `4290418931`.

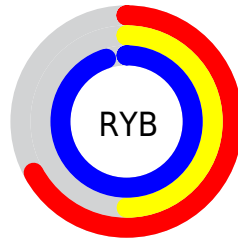
Distribution



Red (67%)

Green (50%)

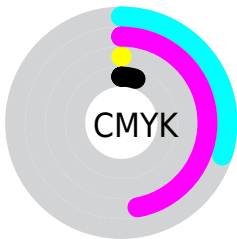
Blue (95%)



Red (67%)

Yellow (50%)

Blue (95%)

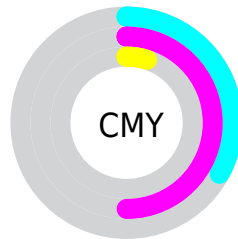


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289429747 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 4289429747 by changing the saturation by 10% instead.

 4289429747

 4289429747

4294967295

 4287588054

 4293244671

 4285746874

 4294955519

 4283970975

 4294962943

 4282130052

 4280157546

 4278190161

 4278190393

 4278190627

 4278190090

4289429747

4289429747

4288440563

4290418931

4287451123

4291408371

4286396403

4292463091

4285407219

4293452275

4284418035

4294441459

4284154099

4294967283

Harmonies

Analogous

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



4279343359



4289429747



4293355204

Triad

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



4289429747



4292248354



4278235556

Complementary

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



4289429747



4291359616

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.



4278234727



4289429747



4289042436

Square

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



4289429747



4294339154



4284983089



4278235356

Rectangle

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



4289429747



4294597789



4284983089



4278235536

Sweetspot

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



4289429747



4293516287



4286630387



4285688448



4278190080



4286611584

Same Dimension

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



4289429747



4288966399



4293165299



4285755002



4282777786



4279631931

Inverse Universe

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



4294148296



4294930121



4287624064



4286213750



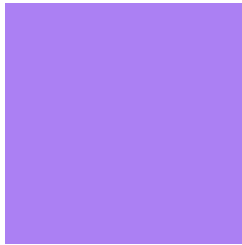
4290379893



4282056741

Previews

White Background



This preview shows how the Android color 4289429747 looks on a white background.

Color Contrast Check

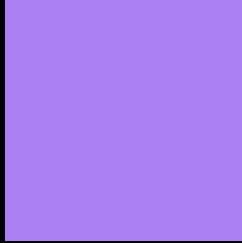
Large Text (above 18pt) WCAG AA × Fail

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 4289429747 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 4289429747 Background



This preview shows how black text looks on a background with the Android color 4289429747.



This preview shows how white text looks on a background with the Android color 4289429747.

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

4289429747



Protanomaly

4286614779



Deuteranomaly

4286484208



Tritanomaly

4288777662

Monochromacy



Original Color

4289429747



Achromatopsia

4288322202



Achromatomaly

4288713146

CSS Examples

Text

The CSS property to change the color of the text to Android 4289429747 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(171, 128, 243)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 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(171, 128, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 243) }
```

Border

The CSS property to change the border of an element to Android 4289429747 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(171, 128, 243) }
```

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

```
.border{ border-color:rgb(171, 128, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 243);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4289429747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 243) }
```

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

```
.background{ background-color: rgb(171,  
128, 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