

Converting Colors

Android(4289484023)

Have a look what the booklet for
Android(4289484023) contains.

Android(4289484023)	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(4289484023)

Conversions

Conversions Part 1

Format	Color
Hex	AC54F7
RGB	172, 84, 247
RGB Percent	67%, 33%, 97%
CMY	0.3255, 0.6706, 0.0314
CMYK	0.30, 0.66, 0.00, 0.03
HSL	272°, 91%, 65%
HSV	272°, 66%, 97%
XYZ	36.9721, 21.8267, 90.2600
YIQ	128.8940, 0.1250, 69.3490

Conversions

Conversions Part 2

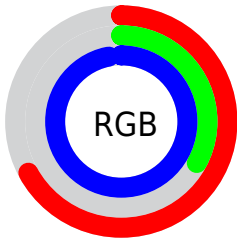
Format	Color
R _Y B	172, 84, 247
Decimal	11293943
CIE Lab	53.84, 63.94, -67.46
CIE LCh	54, 92.950, 313.468
Yxy	21.8267, 0.2480, 0.1464
Android (android.graphics.Color)	4289484023 (0xFFAC54F7)
YUV	128.8940, 58.2263, 37.8040
Hunter-Lab	46.7191, 59.5013, -81.8434

Details

The Android color `4289484023` is a light color, and the websafe version is hex `CC66FF`. The color can be described as light muted purple. A complement of this color would be `4288673620`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4293430271`, and `4285667774` is the 20% darker color. If you saturate the color by 10%, you get `4288756727`, and if you desaturate by 10%, it is `4290211319`.

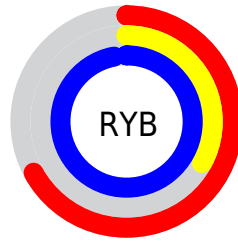
Distribution



Red (67%)

Green (33%)

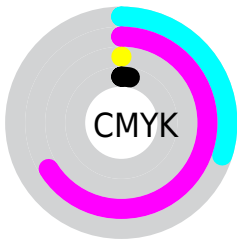
Blue (97%)



Red (67%)

Yellow (33%)

Blue (97%)

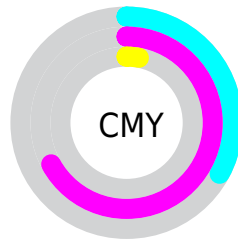


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (67%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289484023 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 4289484023 by changing the saturation by 10% instead.

 4289484023

 4289484023

4294967295

 4287576282

 4293430271

 4285667774

 4294944767

 4283695266

 4294951935

 4281663623

 4294959359

 4279107693

 4294966783

 4278190163

 4278191675

 4278190628

 4278190092

■ 4289484023

■ 4289484023

■ 4288756727

■ 4290211319

■ 4287964151

■ 4291003895

■ 4287236855

■ 4291731191

■ 4286906615

■ 4292458487

■ 4293251319

■ 4293978359

■ 4294770679

■ 4294967287

Harmonies

Analogous

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



4278223103



4289484023



4294246576

Triad

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



4289484023



4290800640



4278231460

Complementary

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



4289484023



4288673620

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.



4278230607



4289484023



4286351616

Square

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



4289484023



4294064648



4278228992



4278231279

Rectangle

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



4289484023



4294901883



4278228992



4278231432

Sweetspot

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



4289484023



4293446911



4283736311



4285620608



4278190080



4286611584

Same Dimension

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



4289484023



4288820991



4294399218



4285886074



4284743866



4280287291

Inverse Universe

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



4294399135



4294915730



4283758425



4286213748



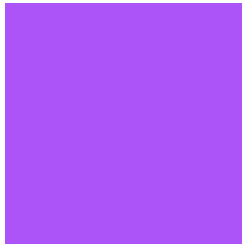
4290379862



4282056731

Previews

White Background



This preview shows how the Android color 4289484023 looks on a white background.

Color Contrast Check

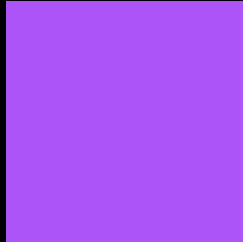
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4289484023 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4289484023 Background



This preview shows how black text looks on a background with the Android color 4289484023.




This preview shows how white text looks on a background with the Android color 4289484023.

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
4288116866

Trichromacy



Original Color
4289484023



Protanomaly
4284050940



Deuteranomaly
4282348269



Tritanomaly
4288637869

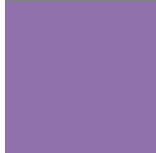
Monochromacy



Original Color
4289484023



Achromatopsia
4286677377



Achromatomaly
4287721900

CSS Examples

Text

The CSS property to change the color of the text to Android 4289484023 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(172, 84, 247)` looks like.

```
.text, #text, p{  
    color:rgb(172, 84, 247)  
}
```

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(172, 84, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 84, 247) }
```

Border

The CSS property to change the border of an element to Android 4289484023 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(172, 84, 247) }
```

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

```
.border{ border-color:rgb(172, 84, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 84, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 84, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 84, 247);  
box-shadow:4px 4px 4px 4px rgb(172, 84,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4289484023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 84, 247) }
```

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

```
.background{ background-color: rgb(172, 84,  
247) }
```

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