

Converting Colors

Android(4288479436)

Have a look what the booklet for
Android(4288479436) contains.

Android(4288479436)	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(4288479436)

Conversions

Conversions Part 1

Format	Color
Hex	9D00CC
RGB	157, 0, 204
RGB Percent	62%, 0%, 80%
CMY	0.3843, 1.0000, 0.2000
CMYK	0.23, 1.00, 0.00, 0.20
HSL	286°, 100%, 40%
HSV	286°, 100%, 80%
XYZ	24.8037, 11.5277, 58.0445
YIQ	70.1990, 28.0880, 96.7280

Conversions

Conversions Part 2

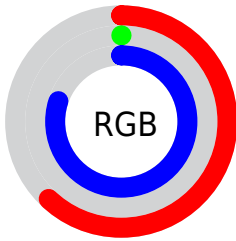
Format	Color
RYB	157, 0, 204
Decimal	10289356
CIELab	40.46, 76.18, -64.83
CIELCh	40, 100.029, 319.600
Yxy	11.5277, 0.2628, 0.1221
Android (android.graphics.Color)	4288479436 (0xFF9D00CC)
YUV	70.1990, 65.9639, 76.1245
Hunter-Lab	33.9525, 70.9847, -77.5942

Details

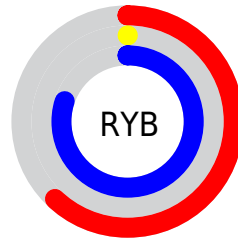
The Android color `4288479436` is a dark color, and the websafe version is hex `9900CC`. The color can be described as dark washed purple. A complement of this color would be `4281322496`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4292367615`, and `4284678293` is the 20% darker color. If you saturate the color by 10%, you get `4288479436`, and if you desaturate by 10%, it is `4288812236`.

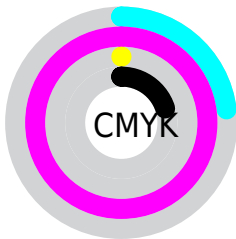
Distribution



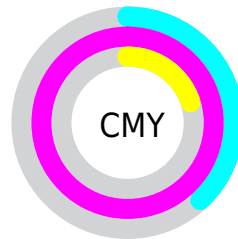
- Red (62%)
- Green (0%)
- Blue (80%)



- Red (62%)
- Yellow (0%)
- Blue (80%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288479436 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 4288479436 by changing the saturation by 10% instead.

 4288479436

 4288479436

4294967295

 4286578864

 4292367615

 4284678293

 4294406655

 4282712186

 4294938367

 4280942688

 4294945791

 4278190151

 4294953215

 4278191152

 4294960895

 4278190362

 4278190080

 4288479436

■ 4288812236

■ 4289079756

■ 4289412556

■ 4289745612

■ 4290078412

■ 4290345676

■ 4290678732

■ 4291011532

■ 4291279052

Harmonies

Analogous

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



4278213119



4288479436



4292477056

Triad

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



4288479436



4287386112



4278222229

Complementary

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



4288479436



4281322496

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.



4278221631



4288479436



4282346240

Square

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



4288479436



4290970112



4278220288



4278222302

Rectangle

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



4288479436



4293132362



4278220288



4278221945

Sweetspot

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



4288479436



4293768191



4278202572



4285878912



4278190080



4286611584

Same Dimension

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



4288479436



4291035391



4291559574



4284767334



4286578854



4280090662

Inverse Universe

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



4291559471



4294901819



4278242358



4284898398



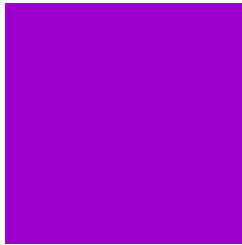
4289069094



4280680457

Previews

White Background



This preview shows how the Android color 4288479436 looks on a white background.

Color Contrast Check

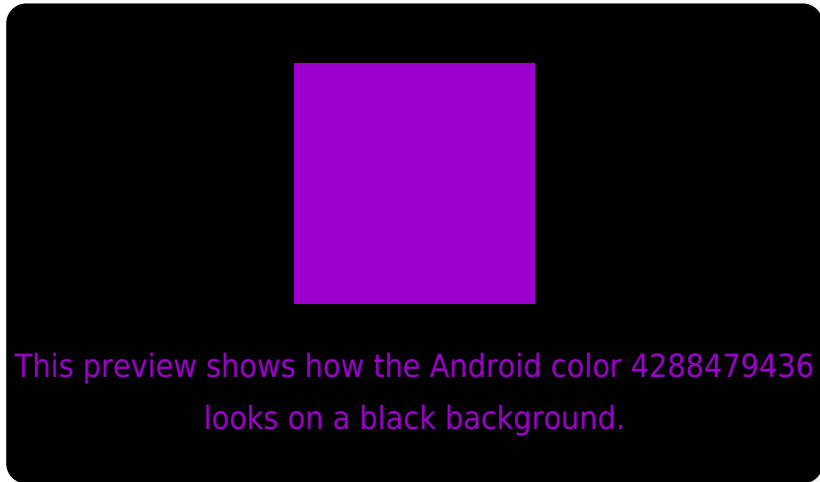
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4288479436 Background



This preview shows how black text looks on a background with the Android color 4288479436.



This preview shows how white text looks on a background with the Android color 4288479436.

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
4288479436

Protanopia
4278214342

Deuteranopia
4278215853

Trichromacy



Original Color

4288479436



Protanomaly

4281941192



Deuteranomaly

4281942200



Tritanomaly

4287771521

Monochromacy



Original Color

4288479436



Achromatopsia

4282795590



Achromatomaly

4284886391

CSS Examples

Text

The CSS property to change the color of the text to Android 4288479436 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(157, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 204)  
}
```

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(157, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 204) }
```

Border

The CSS property to change the border of an element to Android 4288479436 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(157, 0, 204) }
```

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

```
.border{ border-color:rgb(157, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(157, 0,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4288479436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 204) }
```

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

```
.background{ background-color: rgb(157, 0,  
204) }
```

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