

# Converting Colors

Android(4288688077)

Have a look what the booklet for  
Android(4288688077) contains.

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**Color**

**Android(4288688077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A02FCD
RGB	160, 47, 205
RGB Percent	63%, 18%, 80%
CMY	0.3725, 0.8157, 0.1961
CMYK	0.22, 0.77, 0.00, 0.20
HSL	283°, 63%, 49%
HSV	283°, 77%, 80%
XYZ	26.5332, 13.9144, 59.0449
YIQ	98.7990, 16.6300, 73.0940

# Conversions

## Conversions Part 2

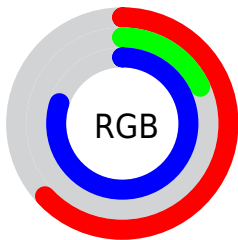
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 47, 205
Decimal	10497997
CIE <sub>Lab</sub>	44.11, 67.68, -59.46
CIE <sub>LCh</sub>	44, 90.090, 318.703
Yxy	13.9144, 0.2667, 0.1399
Android (android.graphics.Color)	4288688077 (0xFFA02FCD)
YUV	98.7990, 52.3571, 53.6733
Hunter-Lab	37.3020, 61.6898, -67.7381

# Details

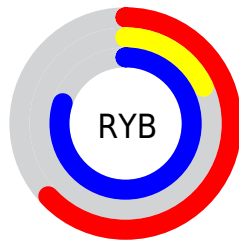
The Android color `4288688077` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle muted purple. A complement of this color would be `4284271919`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4292569599`, and `4284940438` is the 20% darker color. If you saturate the color by 10%, you get `4288289741`, and if you desaturate by 10%, it is `4289086669`.

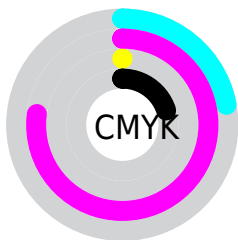
# Distribution



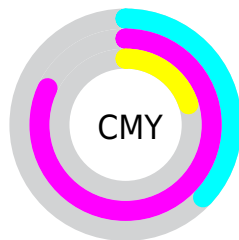
- Red (63%)
- Green (18%)
- Blue (80%)



- Red (63%)
- Yellow (18%)
- Blue (80%)



- Cyan (22%)
- Magenta (77%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (82%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288688077 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 4288688077 by changing the saturation by 10% instead.



 4288688077

 4288688077

4294967295

 4286775985

 4292569599

 4284940438

 4294542847

 4283039867

 4294943487

 4281204833

 4294950655

 4278845513

 4294958079

 4278191153

 4294965759

 4278190363

 4278190080

 4288688077

 4288688077

■ 4288289741

■ 4289086669

■ 4287891149

■ 4289485005

■ 4287824077

■ 4289883597

■ 4290216397

■ 4290614989

■ 4291013325

■ 4291411917

■ 4291810253

■ 4292208845

# Harmonies

## Analogous

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



4278215418



4288688077



4292477064

# Triad

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



4288688077



4288109312



4278224279

# Complementary

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



4288688077



4284271919

# 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.



4278223688



4288688077



4283659008

# Square

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



4288688077



4291308032



4278222336



4278224090

# Rectangle

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



4288688077



4293132375



4278222336



4278224253



# Sweetspot

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



4288688077



4293838079



4281294541



4285881472



4278190080



4286611584



# Same Dimension

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



4288688077



4290516223



4291637165



4284701798



4285989030



4279959590



# Inverse Universe

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



4291637084



4294906967



4281322831



4284898399



4289069103

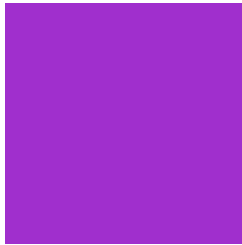


4280680459



# Previews

## White Background



This preview shows how the Android color 4288688077 looks on a white background.

## Color Contrast Check

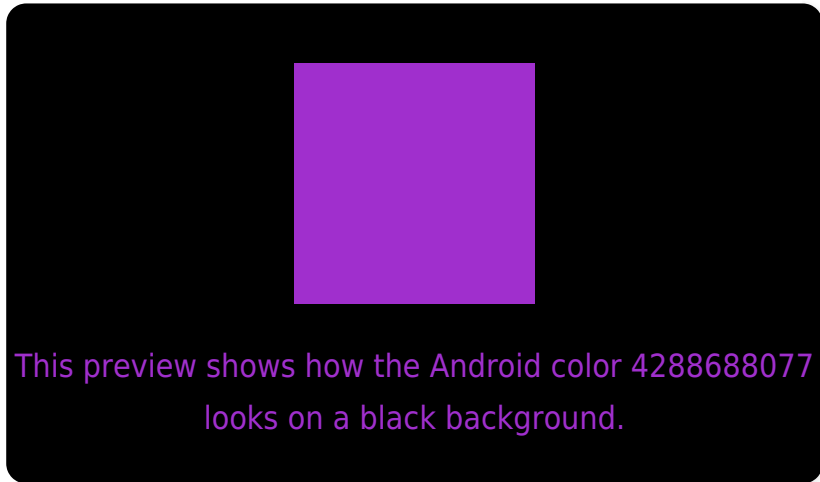
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288688077 Background



This preview shows how black text looks on a background with the Android color 4288688077.



This preview shows how white text looks on a background with the Android color 4288688077.

# 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**  
4288688077

**Protanomaly**  
4282012115

**Tritanomaly**  
4287974024

# Monochromacy



**Original Color**  
4288688077

**Achromatopsia**  
4284703587

**Achromatomaly**  
4286140554

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288688077 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(160, 47, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 47, 205)  
}
```

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(160, 47, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 47, 205) }
```

## Border

The CSS property to change the border of an element to Android 4288688077 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(160, 47, 205) }
```

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

```
.border{ border-color:rgb(160, 47, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 47, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 47, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 47, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 47,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4288688077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 47, 205) }
```

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

```
.background{ background-color: rgb(160, 47,  
205) }
```

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](#).

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