

# Converting Colors

Android(4288227824)

Have a look what the booklet for  
Android(4288227824) contains.

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**Color**

**Android(4288227824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9929F0
RGB	153, 41, 240
RGB Percent	60%, 16%, 94%
CMY	0.4000, 0.8392, 0.0588
CMYK	0.36, 0.83, 0.00, 0.06
HSL	274°, 87%, 55%
HSV	274°, 83%, 94%
XYZ	29.6580, 14.6495, 83.7026
YIQ	97.1740, 2.8730, 85.6330

# Conversions

## Conversions Part 2

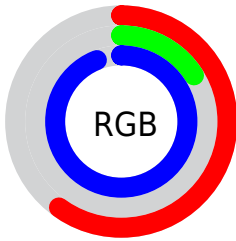
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 41, 240
Decimal	10037744
CIE Lab	45.15, 75.56, -77.78
CIE LCh	45, 108.437, 314.168
Yxy	14.6495, 0.2317, 0.1144
Android (android.graphics.Color)	4288227824 (0xFF9929F0)
YUV	97.1740, 70.4132, 48.9594
Hunter-Lab	38.2746, 71.3344, -102.8688

# Details

The Android color `4288227824` is a dark color, and the websafe version is hex `9933FF`. The color can be described as middle washed purple. A complement of this color would be `4286640169`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4292241151`, and `4284219575` is the 20% darker color. If you saturate the color by 10%, you get `4287566320`, and if you desaturate by 10%, it is `4288889328`.

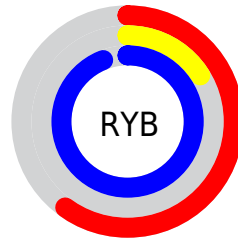
# Distribution



Red (60%)

Green (16%)

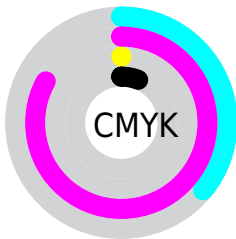
Blue (94%)



Red (60%)

Yellow (16%)

Blue (94%)

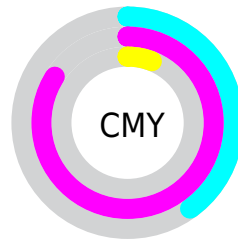


Cyan (36%)

Magenta (83%)

Yellow (0%)

Black (6%)



Cyan (40%)

Magenta (84%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288227824 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 4288227824 by changing the saturation by 10% instead.



 4288227824

 4288227824

4294967295

 4286251219

 4292241151

 4284219575

 4294214655

 4282056859

 4294942719

 4279107712

 4294950143

 4278190182

 4294957567

 4278190156

 4294965247

 4278191413

 4278190623

 4278190081

■ 4288227824

■ 4288227824

■ 4287566320

■ 4288889328

■ 4287037680

■ 4289616368

■ 4290277872

■ 4291004912

■ 4291666416

■ 4292393456

■ 4293054960

■ 4293782000

■ 4294442992

# Harmonies

## Analogous

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



4278217727



4288227824



4293656735

# Triad

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



4288227824



4289287168



4278225813

# Complementary

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



4288227824



4286640169

# 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.



4278224948



4288227824



4284118272

# Square

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



4288227824



4292935680



4278223616



4278226154

# Rectangle

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



4288227824



4294705251



4278223616



4278225526



# Sweetspot

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



4288227824



4293115903



4280910832



4285487488



4278190080



4286611584



# Same Dimension

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



4288227824



4287627519



4293929446



4285754488



4284940472



4280287288



# Inverse Universe

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



4293929344



4294901871



4280938547



4286082161



4290248784

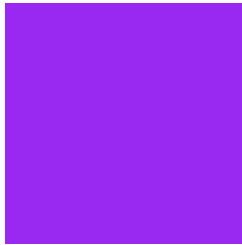


4281860121



# Previews

## White Background



This preview shows how the Android color 4288227824 looks on a white background.

## Color Contrast Check

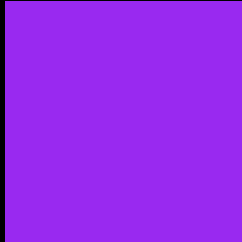
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288227824 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 4288227824 Background



This preview shows how black text looks on a background with the Android color 4288227824.



This preview shows how white text looks on a background with the Android color 4288227824.

# 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**


4288227824

**Protanopia**

4278216666

**Deuteranopia**

4278218428



**Tritanopia**  
4286538603

# Trichromacy



**Original Color**  
4288227824



**Protanomaly**  
4281880802



**Deuteranomaly**  
4281882063



**Tritanomaly**  
4287123099

# Monochromacy



**Original Color**  
4288227824



**Achromatopsia**  
4284572001



**Achromatomaly**  
4285877653

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288227824 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(153, 41, 240)` looks like.

```
.text, #text, p{  
    color:rgb(153, 41, 240)  
}
```

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(153, 41, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 41, 240) }
```

## Border

The CSS property to change the border of an element to Android 4288227824 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(153, 41, 240) }
```

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

```
.border{ border-color:rgb(153, 41, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 41, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 41, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 41, 240);  
box-shadow:4px 4px 4px 4px rgb(153, 41,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4288227824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 41, 240) }
```

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

```
.background{ background-color: rgb(153, 41,  
240) }
```

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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