

# Converting Colors

Android(4288959971)

Have a look what the booklet for  
Android(4288959971) contains.

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# **Color**

**Android(4288959971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A455E3
RGB	164, 85, 227
RGB Percent	64%, 33%, 89%
CMY	0.3569, 0.6667, 0.1098
CMYK	0.28, 0.63, 0.00, 0.11
HSL	273°, 72%, 61%
HSV	273°, 63%, 89%
XYZ	32.4235, 19.9356, 74.8121
YIQ	124.8090, 1.5020, 60.9100

# Conversions

## Conversions Part 2

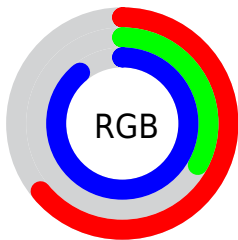
Format	Color
<a href="#">RYB</a>	<a href="#">164, 85, 227</a>
Decimal	<a href="#">10769891</a>
CIELab	<a href="#">51.76, 57.28, -59.65</a>
CIELCh	<a href="#">52, 82.694, 313.838</a>
Yxy	<a href="#">19.9356, 0.2550, 0.1568</a>
Android (android.graphics.Color)	<a href="#">4288959971 (0xFFA455E3)</a>
YUV	<a href="#">124.8090, 50.3802, 34.3705</a>
Hunter-Lab	<a href="#">44.6493, 51.4872, -68.0889</a>

# Details

The Android color `4288959971` is a light color, and the websafe version is hex `9966FF`. The color can be described as light muted purple. A complement of this color would be `4287947605`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4292774911`, and `4285210283` is the 20% darker color. If you saturate the color by 10%, you get `4288298723`, and if you desaturate by 10%, it is `4289621219`.

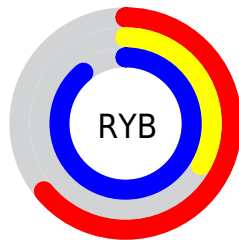
# Distribution



Red (64%)

Green (33%)

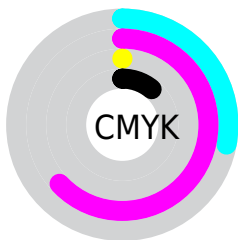
Blue (89%)



Red (64%)

Yellow (33%)

Blue (89%)

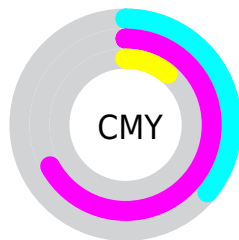


Cyan (28%)

Magenta (63%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (67%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288959971 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 4288959971 by changing the saturation by 10% instead.



 4288959971

 4288959971

4294967295

 4287052486

 4292774911

 4285210283

 4294747903

 4283367568

 4294951679

 4281401461

 4294959103

 4279369820

 4294966527

 4278190147

 4278190892

 4278190358

 4278190080

4288959971

4288959971

4288298723

4289621219

4287637731

4290282211

4286976483

4290943459

4286447843

4291604707

4292265699

4292926947

4293588195

4294311907

4294967267

# Harmonies

## Analogous

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



4278221567



4288959971



4293074085

# Triad

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



4288959971



4290079232



4278229404

# Complementary

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



4288959971



4287947605

# 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.



4278228817



4288959971



4286087936

# Square

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



4288959971



4292952598



4278226944



4278228957

# Rectangle

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



4288959971



4294115446



4278226944



4278229379



# Sweetspot

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



4288959971



4293578751



4283799011



4285686400



4278190080



4286611584



# Same Dimension

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



4288959971



4289347839



4293088732



4285425523



4284678323



4280025139



# Inverse Universe

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



4293088660



4294918293



4283818844



4285753196



4289921103

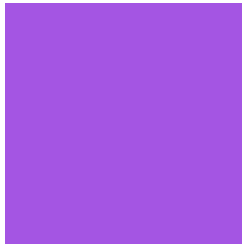


4281532439



# Previews

## White Background



This preview shows how the Android color 4288959971 looks on a white background.

## Color Contrast Check

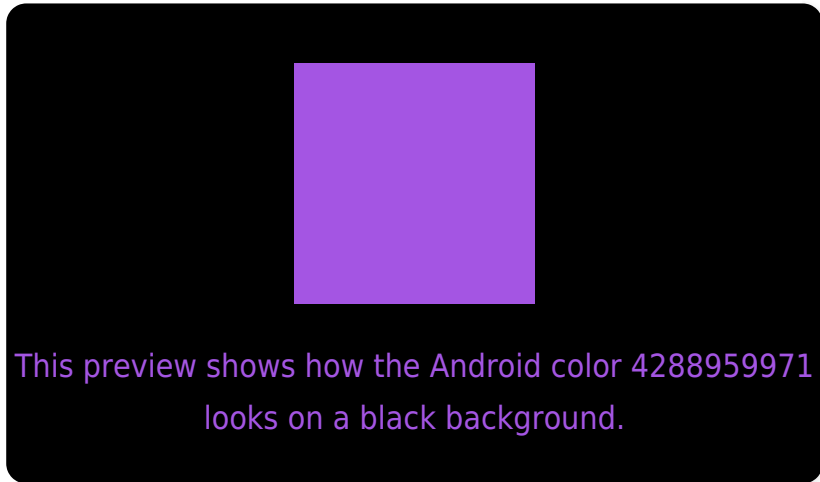
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

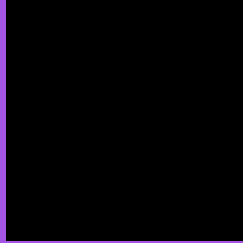
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4288959971 Background



This preview shows how black text looks on a background with the Android color 4288959971.

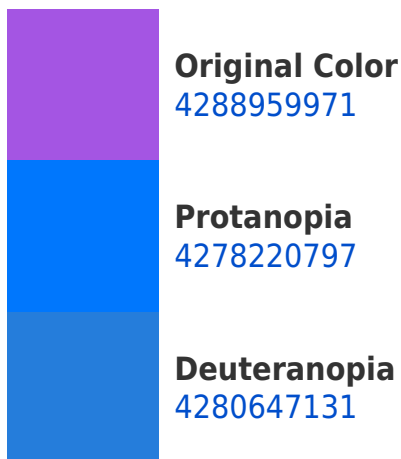


This preview shows how white text looks on a background with the Android color 4288959971.

# 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**  
4287787900

# Trichromacy



**Original Color**  
4288959971



**Protanomaly**  
4282149876



**Deuteranomaly**  
4283657950



**Tritanomaly**  
4288243873

# Monochromacy



**Original Color**  
4288959971



**Achromatopsia**  
4286414205



**Achromatomaly**  
4287327906

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288959971 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(164, 85, 227)` looks like.

```
.text, #text, p{  
    color:rgb(164, 85, 227)  
}
```

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(164, 85, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 85, 227) }
```

## Border

The CSS property to change the border of an element to Android 4288959971 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(164, 85, 227) }
```

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

```
.border{ border-color:rgb(164, 85, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 85, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 85, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 85, 227);  
box-shadow:4px 4px 4px 4px rgb(164, 85,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4288959971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 85, 227) }
```

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

```
.background{ background-color: rgb(164, 85,  
227) }
```

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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