

# Converting Colors

Android(4287524070)

Have a look what the booklet for  
Android(4287524070) contains.

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# **Color**

**Android(4287524070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E6CE6
RGB	142, 108, 230
RGB Percent	56%, 42%, 90%
CMY	0.4431, 0.5765, 0.0980
CMYK	0.38, 0.53, 0.00, 0.10
HSL	257°, 71%, 66%
HSV	257°, 53%, 90%
XYZ	30.8008, 22.1891, 77.5225
YIQ	132.0740, -18.8980, 45.1500

# Conversions

## Conversions Part 2

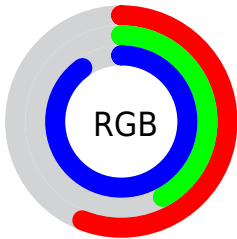
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 108, 230</a>
Decimal	<a href="#">9333990</a>
CIELab	<a href="#">54.23, 40.73, -57.51</a>
CIELCh	<a href="#">54, 70.471, 305.310</a>
Yxy	<a href="#">22.1891, 0.2360, 0.1700</a>
Android (android.graphics.Color)	<a href="#">4287524070 (0xFF8E6CE6)</a>
YUV	<a href="#">132.0740, 48.2775, 8.7051</a>
Hunter-Lab	<a href="#">47.1053, 34.2819, -64.6015</a>

# Details

The Android color `4287524070` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4291094124`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4291338495`, and `4283775918` is the 20% darker color. If you saturate the color by 10%, you get `4286404070`, and if you desaturate by 10%, it is `4288644070`.

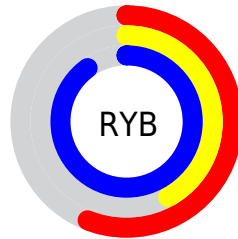
# Distribution



Red (56%)

Green (42%)

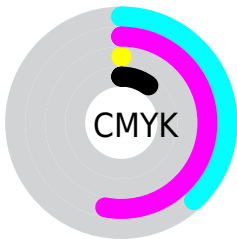
Blue (90%)



Red (56%)

Yellow (42%)

Blue (90%)

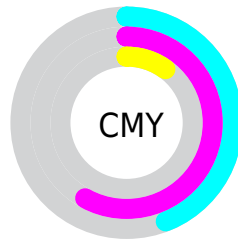


Cyan (38%)

Magenta (53%)

Yellow (0%)

Black (10%)



Cyan (44%)

Magenta (58%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287524070 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 4287524070 by changing the saturation by 10% instead.




 4287524070

 4287524070

4294967295

 4285682633

 4291338495

 4283775918

 4293246207

 4281869458

 4294957311

 4279438456

 4294964479

 4278190175

 4278190150

 4278191151

 4278190361

 4278190080

 4287524070

 4287524070

 4286404070

 4288644070


 4285349606

 4289698534

 4284229606

 4290818534

 4283175142

 4291872998

 4282384614

 4292992998

 4294112998

 4294967270

# Harmonies

## Analogous

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



4278224636



4287524070



4291972278

# Triad

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



4287524070



4291062528



4278230411

# Complementary

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



4287524070



4291094124

# 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.



4278229323



4287524070



4287857408

# Square

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



4287524070



4293152063



4283601152



4278230215

# Rectangle

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



4287524070



4293344398



4283601152



4278230134



# Sweetspot

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



4287524070



4293056255



4285318630



4285425536



4278190080



4286611584



# Same Dimension

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



4287524070



4287192319



4291456230



4285163379



4281467059



4279107635



# Inverse Universe

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



4293291204



4294925522



4287161964



4285753200



4289921153

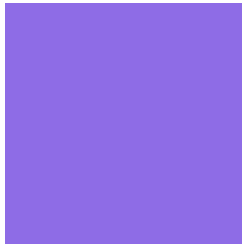


4281532453



# Previews

## White Background



This preview shows how the Android color 4287524070 looks on a white background.

## Color Contrast Check

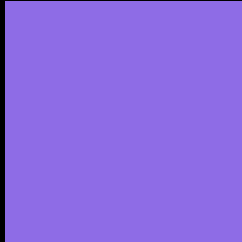
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287524070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

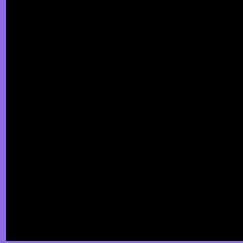
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4287524070 Background



This preview shows how black text looks on a background with the Android color 4287524070.

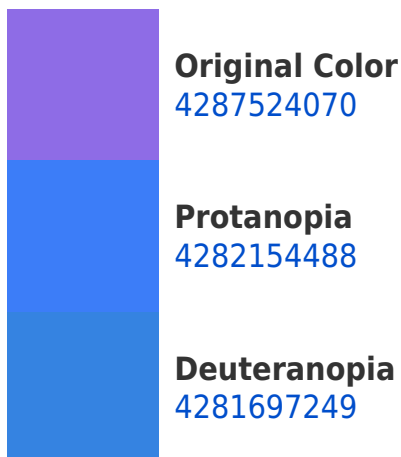


This preview shows how white text looks on a background with the Android color 4287524070.

# 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**

4287524070



**Protanomaly**

4284119025



**Deuteranomaly**

4283792355



**Tritanomaly**

4286675629

# Monochromacy



**Original Color**

4287524070



**Achromatopsia**

4286874756



**Achromatomaly**

4287134632

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287524070 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(142, 108, 230)` looks like.

```
.text, #text, p{  
    color:rgb(142, 108, 230)  
}
```

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(142, 108, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 108, 230) }
```

## Border

The CSS property to change the border of an element to Android 4287524070 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(142, 108, 230) }
```

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

```
.border{ border-color:rgb(142, 108, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 108, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 108, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 108, 230);  
box-shadow:4px 4px 4px 4px rgb(142, 108,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4287524070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 108, 230) }
```

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

```
.background{ background-color: rgb(142,  
108, 230) }
```

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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