

# Converting Colors

Android(4287130085)

Have a look what the booklet for  
Android(4287130085) contains.

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**Color**

**Android(4287130085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8869E5
RGB	136, 105, 229
RGB Percent	53%, 41%, 90%
CMY	0.4667, 0.5882, 0.1020
CMYK	0.41, 0.54, 0.00, 0.10
HSL	255°, 70%, 65%
HSV	255°, 54%, 90%
XYZ	29.3478, 20.9945, 76.6343
YIQ	128.4050, -21.3280, 45.1360

# Conversions

## Conversions Part 2

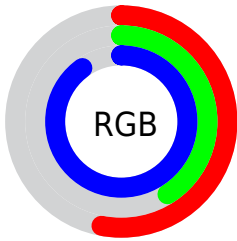
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">136, 105, 229</a>
Decimal	<a href="#">8940005</a>
CIELab	<a href="#">52.94, 40.78, -59.04</a>
CIELCh	<a href="#">53, 71.749, 304.634</a>
Yxy	<a href="#">20.9945, 0.2311, 0.1653</a>
Android (android.graphics.Color)	<a href="#">4287130085 (0xFF8869E5)</a>
YUV	<a href="#">128.4050, 49.5933, 6.6608</a>
Hunter-Lab	<a href="#">45.8198, 34.1454, -67.0896</a>

# Details

The Android color `4287130085` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4291224937`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4290944511`, and `4283381933` is the 20% darker color. If you saturate the color by 10%, you get `4286010085`, and if you desaturate by 10%, it is `4288250085`.

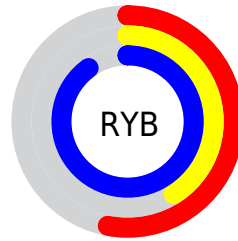
# Distribution



Red (53%)

Green (41%)

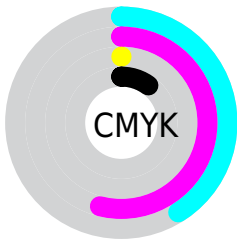
Blue (90%)



Red (53%)

Yellow (41%)

Blue (90%)

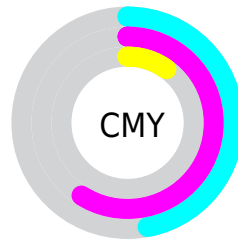


Cyan (41%)

Magenta (54%)

Yellow (0%)

Black (10%)



Cyan (47%)

Magenta (59%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287130085 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 4287130085 by changing the saturation by 10% instead.



 4287130085

 4287130085

4294967295

 4285223112

 4290944511

 4283381933

 4292851967

 4281344401

 4294825215

 4278258295

 4294963711

 4278190174

 4278190149

 4278190894

 4278190360

 4278190080

■ 4287130085

■ 4287130085

■ 4286010085

■ 4288250085

■ 4284890085

■ 4289370085

■ 4283704549

■ 4290555621

■ 4282584549

■ 4291675621

■ 4281925861

■ 4292795365

■ 4293915365

■ 4294967269

# Harmonies

## Analogous

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



4278223867



4287130085



4291708852

# Triad

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



4287130085



4290864896



4278229383

# Complementary

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



4287130085



4291224937

# 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.



4278228550



4287130085



4287659776

# Square

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



4287130085



4293019452



4283403776



4278229443

# Rectangle

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



4287130085



4293145996



4283403776



4278229361



# Sweetspot

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



4287130085



4292925183



4285122277



4285360000



4278190080



4286611584



# Same Dimension

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



4287130085



4286798335



4291193317



4285163379



4281139379



4279042099



# Inverse Universe

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



4293224902



4294924758



4287161705



4285753200



4289921158

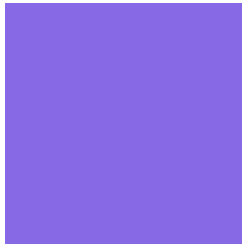


4281532454



# Previews

## White Background



This preview shows how the Android color 4287130085 looks on a white background.

## Color Contrast Check

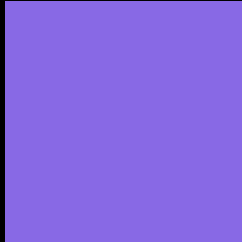
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287130085 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 4287130085 Background



This preview shows how black text looks on a background with the Android color 4287130085.

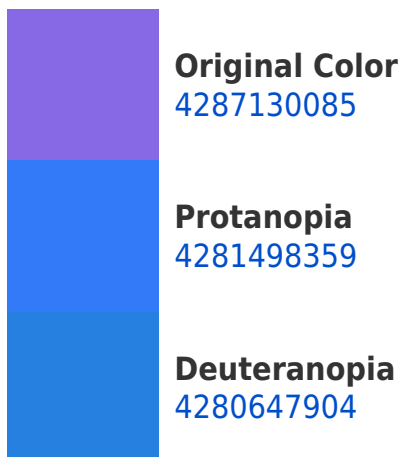


This preview shows how white text looks on a background with the Android color 4287130085.

# 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**  
4287130085



**Protanomaly**  
4283528432



**Deuteranomaly**  
4283005154



**Tritanomaly**  
4286281899

# Monochromacy



**Original Color**  
4287130085



**Achromatopsia**  
4286611584



**Achromatomaly**  
4286806181

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287130085 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(136, 105, 229)` looks like.

```
.text, #text, p{  
    color:rgb(136, 105, 229)  
}
```

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(136, 105, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 105, 229) }
```

## Border

The CSS property to change the border of an element to Android 4287130085 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(136, 105, 229) }
```

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

```
.border{ border-color:rgb(136, 105, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 105, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 105, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 105, 229);  
box-shadow:4px 4px 4px 4px rgb(136, 105,  
229) }
```

# Background

The CSS property to change the background color of an element to Android 4287130085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 105, 229) }
```

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

```
.background{ background-color: rgb(136,  
105, 229) }
```

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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