

# Converting Colors

Android(4289430766)

Have a look what the booklet for  
Android(4289430766) contains.

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# **Color**

**Android(4289430766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB84EE
RGB	171, 132, 238
RGB Percent	67%, 52%, 93%
CMY	0.3294, 0.4824, 0.0667
CMYK	0.28, 0.45, 0.00, 0.07
HSL	262°, 76%, 73%
HSV	262°, 45%, 93%
XYZ	40.4785, 31.3335, 84.8034
YIQ	155.7450, -10.7820, 41.2340

# Conversions

## Conversions Part 2

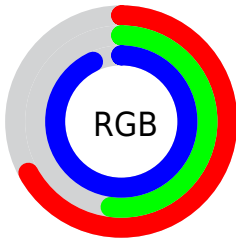
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	171, 132, 238
Decimal	11240686
CIE Lab	62.79, 36.58, -48.17
CIE LCh	63, 60.485, 307.211
Yxy	31.3335, 0.2585, 0.2001
Android (android.graphics.Color)	4289430766 (0xFFAB84EE)
YUV	155.7450, 40.5517, 13.3786
Hunter-Lab	55.9763, 31.1211, -50.6402

# Details

The Android color `4289430766` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4291292804`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4293180159`, and `4285813429` is the 20% darker color. If you saturate the color by 10%, you get `4288441582`, and if you desaturate by 10%, it is `4290419950`.

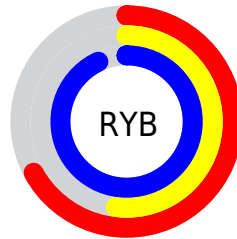
# Distribution



Red (67%)

Green (52%)

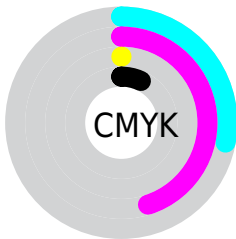
Blue (93%)



Red (67%)

Yellow (52%)

Blue (93%)

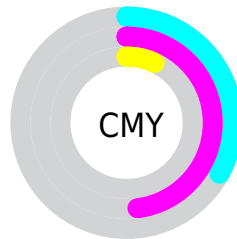


Cyan (28%)

Magenta (45%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (48%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289430766 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 4289430766 by changing the saturation by 10% instead.



 4289430766

 4289430766

4294967295

 4287589073

 4293180159

 4285813429

 4294956799

 4284037786

 4294963967

 4282262144

 4280355686

 4278190158

 4278190134

 4278190624

 4278190083

4289430766

4289430766

4288441582

4290419950

4287452398

4291409134

4286463470

4292398062

4285474286

4293387246

4284485102

4294376430

4283957486

4294967278

# Harmonies

## Analogous

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



4281899775



4289430766



4293095107

# Triad

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



4289430766



4292183601



4278235812

# Complementary

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



4289430766



4291292804

# 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.



4278234988



4289430766



4289239328

# Square

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



4289430766



4294078810



4285507388



4278235352

# Rectangle

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



4289430766



4294272415



4285507388



4278235537



# Sweetspot

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



4289430766



4293582591



4286892014



4285754240



4278190080



4286611584



# Same Dimension

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



4289430766



4289362175



4292904174



4285557880



4282646712



4279566392



# Inverse Universe

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



4293821639



4294932685



4287819396



4286082163



4290248820

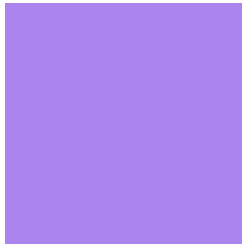


4281860131



# Previews

## White Background



This preview shows how the Android color 4289430766 looks on a white background.

## Color Contrast Check

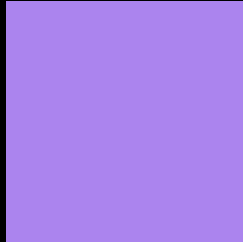
Large Text (above 18pt) WCAG AA × Fail

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 4289430766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

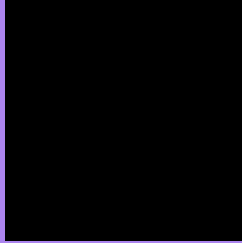
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289430766 Background



This preview shows how black text looks on a background with the Android color 4289430766.




This preview shows how white text looks on a background with the Android color 4289430766.

# 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**  
4288452001

# Trichromacy



**Original Color**  
4289430766

**Protanomaly**  
4286877688

**Deuteranomaly**  
4286943723

**Tritanomaly**  
4288778173

# Monochromacy



**Original Color**  
4289430766

**Achromatopsia**  
4288453788

**Achromatomaly**  
4288779194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289430766 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(171, 132, 238)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 238)  
}
```

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(171, 132, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 238) }
```

## Border

The CSS property to change the border of an element to Android 4289430766 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(171, 132, 238) }
```

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

```
.border{ border-color:rgb(171, 132, 238) }
```

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

Here you see how a box with a 4 pixel rgb(171, 132, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 238);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4289430766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 238) }
```

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

```
.background{ background-color: rgb(171,  
132, 238) }
```

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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