

# Converting Colors

Android(4289099007)

Have a look what the booklet for  
Android(4289099007) contains.

|  |    |
|--|----|
| <b>Android(4289099007)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Android(4289099007)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A674FF                      |
| RGB         | 166, 116, 255               |
| RGB Percent | 65%, 45%, 100%              |
| CMY         | 0.3490, 0.5451, 0.0000      |
| CMYK        | 0.35, 0.55, 0.00, 0.00      |
| HSL         | 262°, 100%, 73%             |
| HSV         | 262°, 55%, 100%             |
| XYZ         | 40.0213, 27.8178, 97.8678   |
| YIQ         | 146.7960, -14.8190, 53.8290 |

# Conversions

## Conversions Part 2

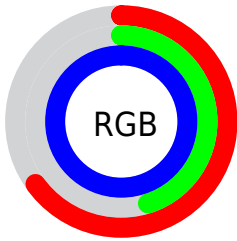
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 166, 116, 255                 |
| Decimal                             | 10908927                      |
| CIE <sub>Lab</sub>                  | 59.72, 48.37, -62.46          |
| CIE <sub>LCh</sub>                  | 60, 78.994, 307.754           |
| Yxy                                 | 27.8178, 0.2415,<br>0.1679    |
| Android<br>(android.graphics.Color) | 4289099007<br>(0xFFA674FF)    |
| YUV                                 | 146.7960, 53.3446,<br>16.8419 |
| Hunter-Lab                          | 52.7426, 43.1471,<br>-73.0972 |

# Details

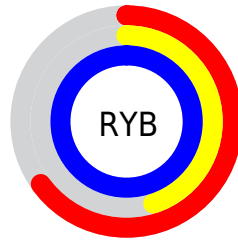
The Android color `4289099007` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4291690356`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4292979199`, and `4285284805` is the 20% darker color. If you saturate the color by 10%, you get `4288043775`, and if you desaturate by 10%, it is `4290154239`.

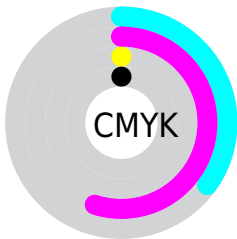
# Distribution



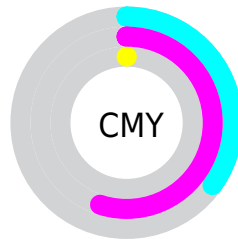
- Red (65%)
- Green (45%)
- Blue (100%)



- Red (65%)
- Yellow (45%)
- Blue (100%)



- Cyan (35%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289099007 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 4289099007 by changing the saturation by 10% instead.



 4289099007

 4289099007

4294967295

 4287191778

 4292979199

 4285284805

 4294952447

 4283378090

 4294959871

 4281339534

 4278190196

 4278190171

 4278191170

 4278190891

 4278190357

■ 4289099007

■ 4289099007

■ 4288043775

■ 4290154239

■ 4286923263

■ 4291274751

■ 4285868031

■ 4292329983

■ 4284813055

■ 4293384959

■ 4284219647

■ 4294505471

4294967295

# Harmonies

## Analogous

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



4278227967



4289099007



4293873350

# Triad

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



4289099007



4292245760



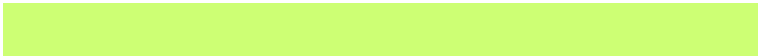
4278234785

# Complementary

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



4289099007



4291690356

# 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.



4278233944



4289099007



4288516864

# Square

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



4289099007



4294792510



4283474688



4278234596

# Rectangle

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



4289099007



4294917272



4283474688



4278234760



# Sweetspot

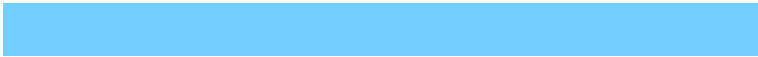
The Sweet Spot groups the original color and five complimentary colors.



4289099007



4293252863



4285845247



4285556608



4278190080



4286611584



# Same Dimension

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



4289099007



4287977983



4293555455



4286018432



4282712255



4279697472



# Inverse Universe

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



4294931661



4294924739



4287233908



4286608251



4290707578

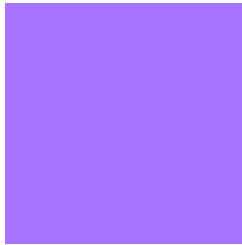


4282384425



# Previews

## White Background



This preview shows how the Android color 4289099007 looks on a white background.

## Color Contrast Check

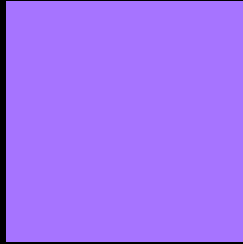
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289099007 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 4289099007 Background



This preview shows how black text looks on a background with the Android color 4289099007.



This preview shows how white text looks on a background with the Android color 4289099007.

# 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**  
4289099007



**Protanomaly**  
4285891583



**Deuteranomaly**  
4284712699



**Tritanomaly**  
4288251326

# Monochromacy



**Original Color**  
4289099007



**Achromatopsia**  
4287861651



**Achromatomaly**  
4288317626

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289099007 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(166, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 255)  
}
```

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(166, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 255) }
```

## Border

The CSS property to change the border of an element to Android 4289099007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

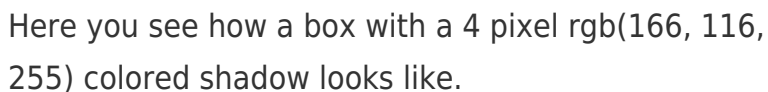
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 116, 255) }
```

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

```
.border{ border-color:rgb(166, 116, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 116, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 116, 255); box-shadow:4px 4px 4px 4px rgb(166, 116, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4289099007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 255) }
```

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

```
.background{ background-color: rgb(166,  
116, 255) }
```

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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