

# Converting Colors

Android(4287916799)

Have a look what the booklet for  
Android(4287916799) contains.

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# **Color**

**Android(4287916799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	946AFF
RGB	148, 106, 255
RGB Percent	58%, 42%, 100%
CMY	0.4196, 0.5843, 0.0000
CMYK	0.42, 0.58, 0.00, 0.00
HSL	257°, 100%, 71%
HSV	257°, 58%, 100%
XYZ	35.4168, 23.8240, 97.3396
YIQ	135.5440, -22.7970, 55.2430

# Conversions

## Conversions Part 2

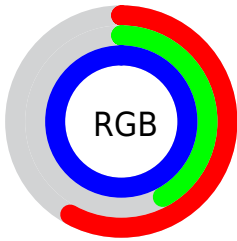
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 106, 255</a>
Decimal	<a href="#">9726719</a>
CIELab	<a href="#">55.91, 49.84, -68.68</a>
CIELCh	<a href="#">56, 84.859, 305.966</a>
Yxy	<a href="#">23.8240, 0.2262, 0.1522</a>
Android (android.graphics.Color)	<a href="#">4287916799</a> (0xFF946AFF)
YUV	<a href="#">135.5440, 58.8918, 10.9239</a>
Hunter-Lab	<a href="#">48.8098, 44.1039, -84.0730</a>

# Details

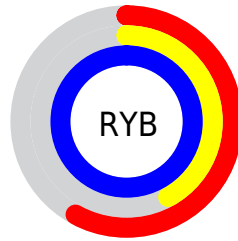
The Android color `4287916799` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4292214634`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4291796991`, and `4283971781` is the 20% darker color. If you saturate the color by 10%, you get `4286730751`, and if you desaturate by 10%, it is `4289103103`.

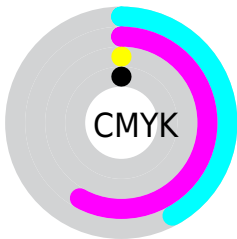
# Distribution



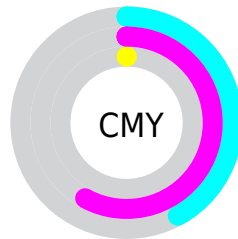
- Red (58%)
- Green (42%)
- Blue (100%)



- Red (58%)
- Yellow (42%)
- Blue (100%)



- Cyan (42%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (58%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287916799 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 4287916799 by changing the saturation by 10% instead.




 4287916799

 4287916799

4294967295

 4285944290

 4291796991

 4283971781

 4293769983

 4281868457

 4294956799

 4278584462

 4294964223

 4278190196

 4278190170

 4278191937

 4278190890

 4278190357

■ 4287916799

■ 4287916799

■ 4286730751

■ 4289103103

■ 4285478911

■ 4290354687

■ 4284292863

■ 4291540991

■ 4283106559

■ 4292727039

■ 4282908927

■ 4293978879

4294967295

# Harmonies

## Analogous

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



4278225919



4287916799



4293343684

# Triad

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



4287916799



4291914496



4278232467

# Complementary

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



4287916799



4292214634

# 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.



4278231365



4287916799



4287989760

# Square

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



4287916799



4294524723



4282620160



4278232284

# Rectangle

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



4287916799



4294906771



4282620160



4278232185



# Sweetspot

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



4287916799



4292792831



4285192191



4285227904



4278190080



4286611584



# Same Dimension

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



4287916799



4286533119



4292635391



4285952896



4281729215



4279369792



# Inverse Universe

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



4294929109



4294921677



4287496042



4286608252



4290707593

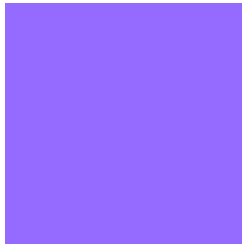


4282384430



# Previews

## White Background



This preview shows how the Android color 4287916799 looks on a white background.

## Color Contrast Check

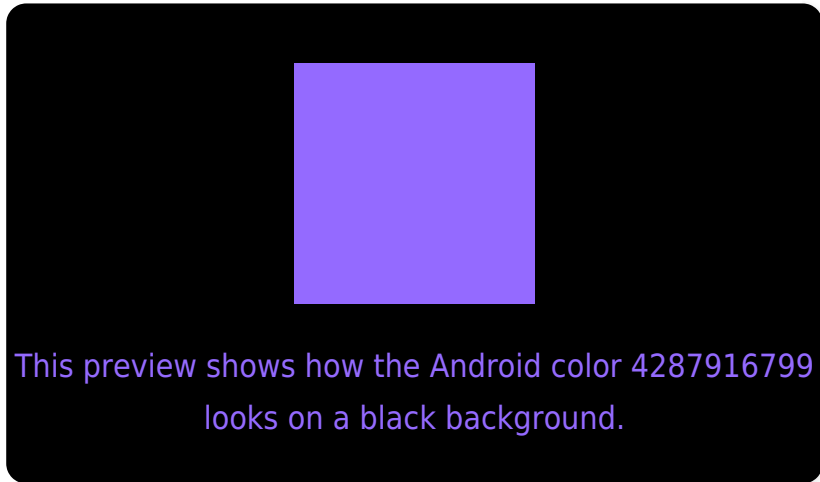
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287916799 Background



This preview shows how black text looks on a background with the Android color 4287916799.



This preview shows how white text looks on a background with the Android color 4287916799.

# 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**  
4287916799

**Protanomaly**  
4284316159

**Deuteranomaly**  
4281761269

**Tritanomaly**  
4286807482

# Monochromacy



**Original Color**  
4287916799

**Achromatopsia**  
4287137928

**Achromatomaly**  
4287397299

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287916799 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(148, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 106, 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(148, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 106, 255) }
```

## Border

The CSS property to change the border of an element to Android 4287916799 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(148, 106, 255) }
```

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

```
.border{ border-color:rgb(148, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 106, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 106, 255); box-shadow:4px 4px 4px 4px rgb(148, 106, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4287916799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 106, 255) }
```

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

```
.background{ background-color: rgb(148,  
106, 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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