

# Converting Colors

Android(4286468844)

Have a look what the booklet for  
Android(4286468844) contains.

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**Color**

**Android(4286468844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E52EC
RGB	126, 82, 236
RGB Percent	49%, 32%, 93%
CMY	0.5059, 0.6784, 0.0745
CMYK	0.47, 0.65, 0.00, 0.07
HSL	257°, 80%, 62%
HSV	257°, 65%, 93%
XYZ	26.7618, 16.5263, 81.1363
YIQ	112.7120, -23.2100, 57.2220

# Conversions

## Conversions Part 2

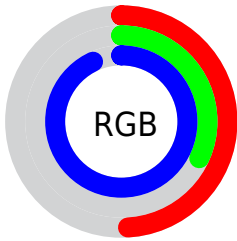
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	126, 82, 236
Decimal	8278764
CIE <sub>Lab</sub>	47.66, 53.33, -71.57
CIE <sub>LCh</sub>	48, 89.251, 306.692
Yxy	16.5263, 0.2151, 0.1328
Android (android.graphics.Color)	4286468844 (0xFF7E52EC)
YUV	112.7120, 60.7810, 11.6536
Hunter-Lab	40.6526, 46.3654, -89.8768

# Details

The Android color `4286468844` is a dark color, and the websafe version is hex `9966FF`. The color can be described as middle muted purple. A complement of this color would be `4290833490`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4290414335`, and `4282327219` is the 20% darker color. If you saturate the color by 10%, you get `4285348588`, and if you desaturate by 10%, it is `4287589100`.

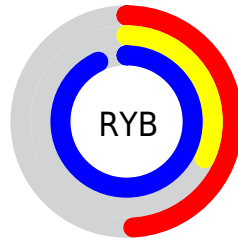
# Distribution



Red (49%)

Green (32%)

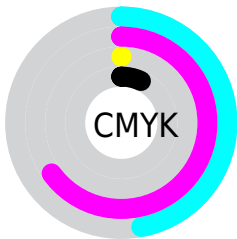
Blue (93%)



Red (49%)

Yellow (32%)

Blue (93%)

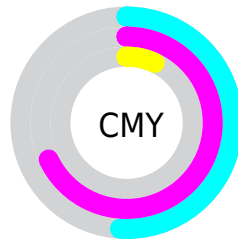


Cyan (47%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (68%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286468844 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 4286468844 by changing the saturation by 10% instead.





4286468844



4286468844

4294967295



4284496335



4290414335



4282327219



4292387327



4279501463



4294360319



4278190205



4294957567



4278190179



4294964991



4278192458



4278191154



4278190620



4278190080

■ 4286468844

■ 4286468844

■ 4285348588

■ 4287589100

■ 4284228588

■ 4288709100

■ 4283108332

■ 4289829356

■ 4282581228

■ 4290883820

■ 4292004076

■ 4293124332

■ 4294244332

■ 4294967276

# Harmonies

## Analogous

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



4278220799



4286468844



4292018350

# Triad

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



4286468844



4290270464



4278226817

# Complementary

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



4286468844



4290833490

# 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.



4278225711



4286468844



4286280704

# Square

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



4286468844



4292940313



4279731200



4278226890

# Rectangle

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



4286468844



4293525629



4279731200



4278226534



# Sweetspot

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



4286468844



4292594943



4283613420



4285161856



4278190080



4286611584



# Same Dimension

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



4286468844



4285610239



4291515116



4285360757



4281598133



4279173174



# Inverse Universe

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



4293677760



4294916294



4285787218



4285885042



4290052225

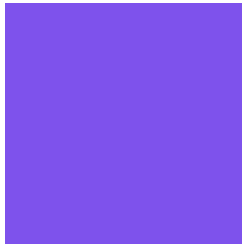


4281729062



# Previews

## White Background



This preview shows how the Android color 4286468844 looks on a white background.

## Color Contrast Check

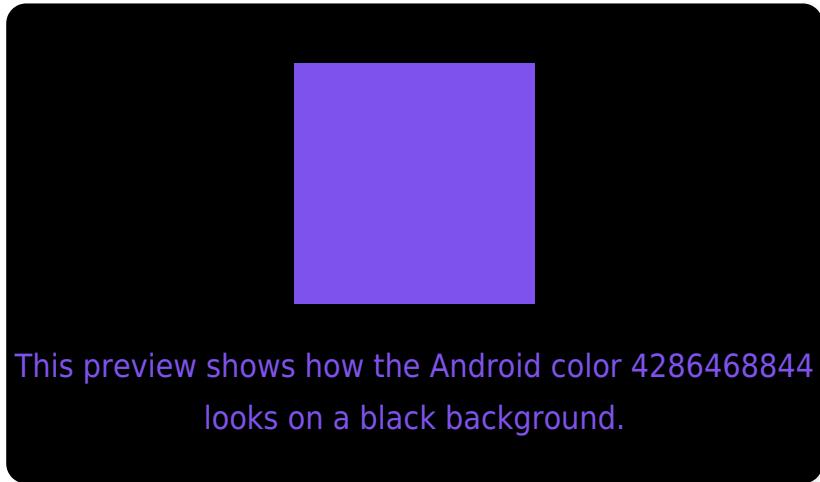
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

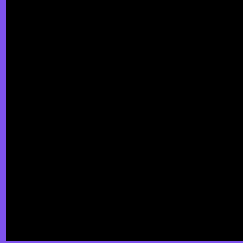
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286468844 Background



This preview shows how black text looks on a background with the Android color 4286468844.



This preview shows how white text looks on a background with the Android color 4286468844.

# 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



**Original Color**

4286468844

**Protanopia**

4278218214

**Deuteranopia**

4278219976



# Trichromacy



**Original Color**

4286468844



**Protanomaly**

4281230312



**Deuteranomaly**

4281231573



**Tritanomaly**

4285294757

# Monochromacy



**Original Color**

4286468844



**Achromatopsia**

4285624689



**Achromatomaly**

4285949598

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286468844 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(126, 82, 236)` looks like.

```
.text, #text, p{  
    color:rgb(126, 82, 236)  
}
```

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(126, 82, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 82, 236) }
```

## Border

The CSS property to change the border of an element to Android 4286468844 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(126, 82, 236) }
```

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

```
.border{ border-color:rgb(126, 82, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 82, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 82, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 82, 236);  
box-shadow:4px 4px 4px 4px rgb(126, 82,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4286468844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 82, 236) }
```

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

```
.background{ background-color: rgb(126, 82,  
236) }
```

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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