

# Converting Colors

Android(4289687266)

Have a look what the booklet for  
Android(4289687266) contains.

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# **Color**

**Android(4289687266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF6EE2
RGB	175, 110, 226
RGB Percent	69%, 43%, 89%
CMY	0.3137, 0.5686, 0.1137
CMYK	0.23, 0.51, 0.00, 0.11
HSL	274°, 67%, 66%
HSV	274°, 51%, 89%
XYZ	36.9826, 25.7568, 74.9739
YIQ	142.6590, 1.5040, 49.8560

# Conversions

## Conversions Part 2

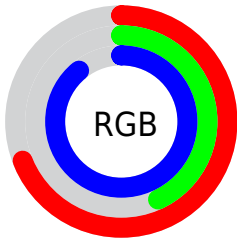
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 110, 226</a>
Decimal	<a href="#">11497186</a>
CIELab	<a href="#">57.81, 46.90, -49.36</a>
CIElCh	<a href="#">58, 68.086, 313.536</a>
Yxy	<a href="#">25.7568, 0.2685, 0.1870</a>
Android (android.graphics.Color)	<a href="#">4289687266 (0xFFAF6EE2)</a>
YUV	<a href="#">142.6590, 41.0871, 28.3631</a>
Hunter-Lab	<a href="#">50.7512, 41.2592, -52.0623</a>

# Details

The Android color `4289687266` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4288799342`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4293501951`, and `4286004138` is the 20% darker color. If you saturate the color by 10%, you get `4289026018`, and if you desaturate by 10%, it is `4290348514`.

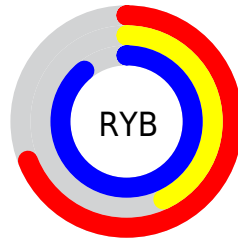
# Distribution



Red (69%)

Green (43%)

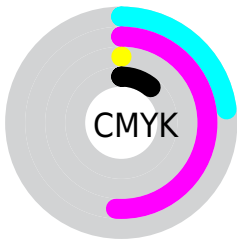
Blue (89%)



Red (69%)

Yellow (43%)

Blue (89%)

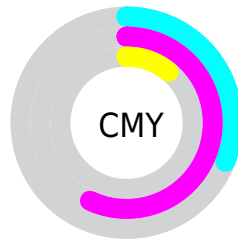


Cyan (23%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (57%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289687266 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 4289687266 by changing the saturation by 10% instead.



 4289687266

 4289687266

4294967295

 4287845574

 4293501951

 4286004138

 4294950911

 4284227983

 4294958079

 4282450805

 4294965503

 4280615004

 4278845507

 4278190892

 4278190358

 4278190080

 4289687266

 4289687266

 4289026018

 4290348514

 4288365026

 4291009506

 4287703778

 4291670754

 4287042786

 4292331746

 4286513378

 4292992994

 4293654242

 4294311906

 4294901730

 4294967266

# Harmonies

## Analogous

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



4281502207



4289687266



4293153710

# Triad

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



4289687266



4290870272



4278232741

# Complementary

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



4289687266



4288799342

# 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.



4278232167



4289687266



4287533312

# Square

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



4289687266



4293288251



4282883371



4278232284

# Rectangle

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



4289687266



4294134662



4282883371



4278232720



# Sweetspot

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



4289687266



4293843455



4285440738



4285884800



4278190080



4286611584



# Same Dimension

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



4289687266



4290339327



4293029596



4285228400



4284678320



4279959600



# Inverse Universe

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



4293029537



4294926758



4285457012



4285556074



4289724493

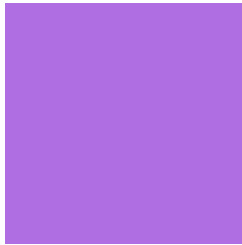


4281335829



# Previews

## White Background



This preview shows how the Android color 4289687266 looks on a white background.

## Color Contrast Check

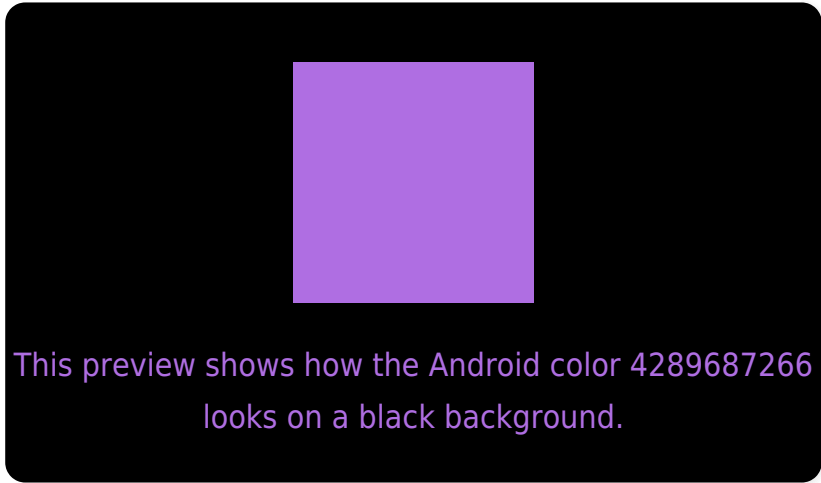
Large Text (above 18pt) WCAG AA ✓ Pass

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

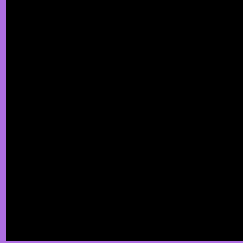
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4289687266 Background



This preview shows how black text looks on a background with the Android color 4289687266.



This preview shows how white text looks on a background with the Android color 4289687266.

# 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**  
4288775053

# Trichromacy



**Original Color**

4289687266



**Protanomaly**

4285890289



**Deuteranomaly**

4286283998



**Tritanomaly**

4289100716

# Monochromacy



**Original Color**

4289687266



**Achromatopsia**

4287598479



**Achromatomaly**

4288381869

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289687266 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(175, 110, 226)` looks like.

```
.text, #text, p{  
    color:rgb(175, 110, 226)  
}
```

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(175, 110, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 110, 226) }
```

## Border

The CSS property to change the border of an element to Android 4289687266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

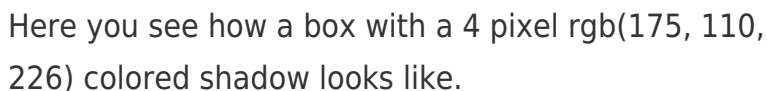
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 110, 226) }
```

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

```
.border{ border-color:rgb(175, 110, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 110, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 110, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 110, 226); box-shadow:4px 4px 4px 4px rgb(175, 110, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4289687266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 110, 226) }
```

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

```
.background{ background-color: rgb(175,  
110, 226) }
```

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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