

# Converting Colors

Android(4289025986)

Have a look what the booklet for  
Android(4289025986) contains.

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# **Color**

**Android(4289025986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A557C2
RGB	165, 87, 194
RGB Percent	65%, 34%, 76%
CMY	0.3529, 0.6588, 0.2392
CMYK	0.15, 0.55, 0.00, 0.24
HSL	284°, 47%, 55%
HSV	284°, 55%, 76%
XYZ	28.6628, 18.7108, 53.1398
YIQ	122.5200, 12.1410, 49.8130

# Conversions

## Conversions Part 2

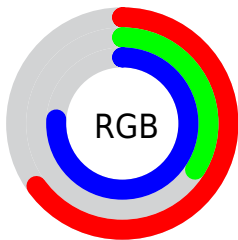
Format	Color
R <sub>Y</sub> B	165, 87, 194
Decimal	10835906
CIE Lab	50.35, 49.32, -43.07
CIE LCh	50, 65.480, 318.867
Yxy	18.7108, 0.2852, 0.1862
Android (android.graphics.Color)	4289025986 (0xFFA557C2)
YUV	122.5200, 35.2396, 37.2550
Hunter-Lab	43.2559, 42.5822, -42.5584

# Details

The Android color `4289025986` is a light color, and the websafe version is hex `9966CC`. The color can be described as light muted purple. A complement of this color would be `4285842007`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4292775163`, and `4285407884` is the 20% darker color. If you saturate the color by 10%, you get `4288693442`, and if you desaturate by 10%, it is `4289358530`.

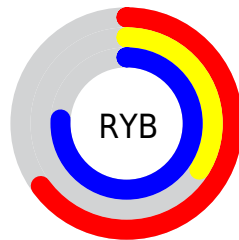
# Distribution



Red (65%)

Green (34%)

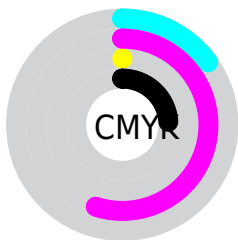
Blue (76%)



Red (65%)

Yellow (34%)

Blue (76%)

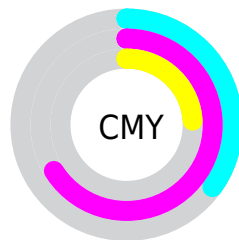


Cyan (15%)

Magenta (55%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (66%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289025986 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 4289025986 by changing the saturation by 10% instead.



 4289025986

 4289025986

4294967295

 4287184294

 4292775163

 4285407884

 4294748159

 4283695218

 4294951935

 4281925721

 4294959359

 4280483905

 4294966783

 4278190122

 4278190356

 4278190080

 4289025986

 4289025986

4288693442

4289358530

4288295106

4289756866

4287962562

4290089410

4287629762

4290422210

4287430850

4290754754

4291152834

4291485634

4291818178

4292149186

# Harmonies

## Analogous

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



4282544866



4289025986



4291837327

# Triad

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



4289025986



4288835072



4278227354

# Complementary

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



4289025986



4285842007

# 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.



4278226784



4289025986



4285497344

# Square

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



4289025986



4291253539



4280322598



4278226635

# Rectangle

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



4289025986



4292491370



4280322598



4278227335



# Sweetspot

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



4289025986



4294038268



4283921858



4286146176



4278190080



4286611584



# Same Dimension

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



4289025986



4291778300



4290926507



4284372833



4285857953



4279762977



# Inverse Universe

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



4290926452



4294727299



4283941486



4284569434



4288741420

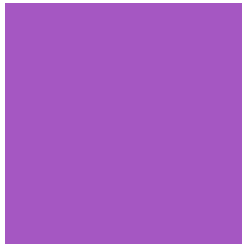


4280352777



# Previews

## White Background



This preview shows how the Android color 4289025986 looks on a white background.

## Color Contrast Check

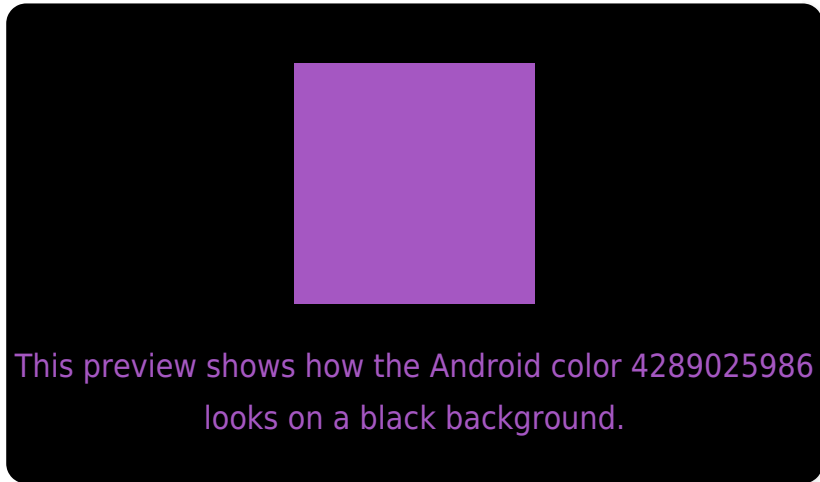
Large Text (above 18pt) WCAG AA ✓ Pass

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

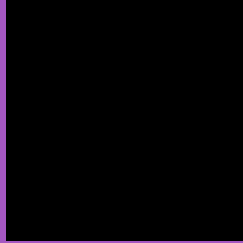
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4289025986 Background



This preview shows how black text looks on a background with the Android color 4289025986.



This preview shows how white text looks on a background with the Android color 4289025986.

# 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**

4289025986



**Protanomaly**

4284902100



**Deuteranomaly**

4285623486



**Tritanomaly**

4288504976

# Monochromacy



**Original Color**

4289025986



**Achromatopsia**

4286282619



**Achromatomaly**

4287262357

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289025986 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(165, 87, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 87, 194)  
}
```

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(165, 87, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 87, 194) }
```

## Border

The CSS property to change the border of an element to Android 4289025986 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(165, 87, 194) }
```

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

```
.border{ border-color:rgb(165, 87, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 87, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 87, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 87, 194); box-shadow:4px 4px 4px 4px rgb(165, 87, 194) }
```

# Background

The CSS property to change the background color of an element to Android 4289025986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 87, 194) }
```

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

```
.background{ background-color: rgb(165, 87,  
194) }
```

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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