

# Converting Colors

Android(4288976570)

Have a look what the booklet for  
Android(4288976570) contains.

<b>Android(4288976570)</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(4288976570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A496BA
RGB	164, 150, 186
RGB Percent	64%, 59%, 73%
CMY	0.3569, 0.4118, 0.2706
CMYK	0.12, 0.19, 0.00, 0.27
HSL	263°, 21%, 66%
HSV	263°, 19%, 73%
XYZ	35.0791, 33.2504, 51.0235
YIQ	158.2900, -3.2120, 14.1640

# Conversions

## Conversions Part 2

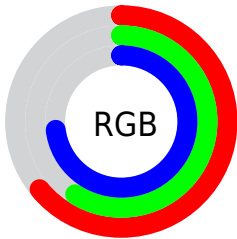
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 150, 186</a>
Decimal	<a href="#">10786490</a>
CIELab	<a href="#">64.36, 12.26, -16.79</a>
CIELCh	<a href="#">64, 20.788, 306.137</a>
Yxy	<a href="#">33.2504, 0.2939, 0.2786</a>
Android (android.graphics.Color)	<a href="#">4288976570 (0xFFA496BA)</a>
YUV	<a href="#">158.2900, 13.6610, 5.0077</a>
Hunter-Lab	<a href="#">57.6631, 7.6792, -12.0988</a>

# Details

The Android color `4288976570` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4289510038`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4292594930`, and `4285555589` is the 20% darker color. If you saturate the color by 10%, you get `4288250810`, and if you desaturate by 10%, it is `4289702330`.

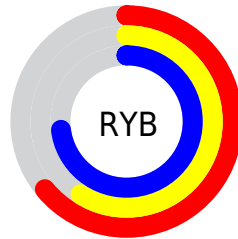
# Distribution



Red (64%)

Green (59%)

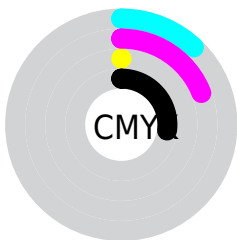
Blue (73%)



Red (64%)

Yellow (59%)

Blue (73%)

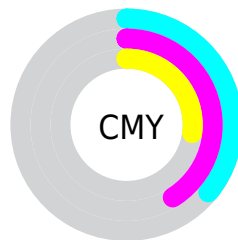


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (41%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288976570 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 4288976570 by changing the saturation by 10% instead.



■ 4288976570

■ 4288976570

4294967295

■ 4287265951

■ 4292594930

■ 4285555589

■ 4294502655

■ 4283911019

■ 4282398035

■ 4280885052

■ 4279568422

■ 4278190352

■ 4278190080

■ 4288976570

■ 4288976570

 4288250810

 4289702330

 4287459770

 4290493370

 4286734010

 4291219130

 4286008506

 4291944634

 4285217210

 4292735930

 4284491450

 4293459898

 4283700410

 4294246330

 4282974650

 4294967226

 4282908858

# Harmonies

## Analogous

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



4287339713



4288976570



4290220459

# Triad

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



4288976570



4290221691



4285310879

# Complementary

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



4288976570



4289510038

# 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.



4286424460



4288976570



4289109111

# Square

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



4288976570



4290875783



4287799934



4285048497

# Rectangle

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



4288976570



4290744223



4287799934



4285638297



# Sweetspot

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



4288976570



4293518578



4288064698



4285887098



4294638330



4286216826



# Same Dimension

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



4288976570



4291869682



4290156218



4283847516



4282122396



4278911004



# Inverse Universe

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



4290418348



4294097885



4288330390



4284240728



4288413791



4280025105



# Previews

## White Background



This preview shows how the Android color 4288976570 looks on a white background.

## Color Contrast Check

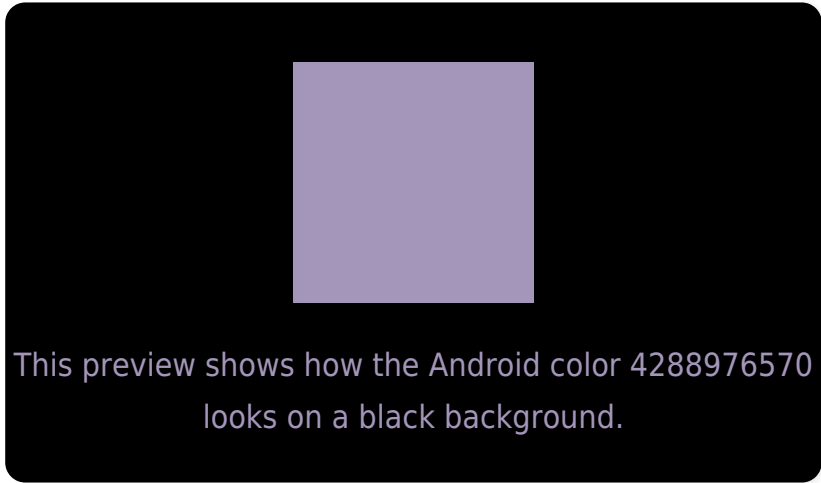
Large Text (above 18pt) WCAG AA × Fail

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

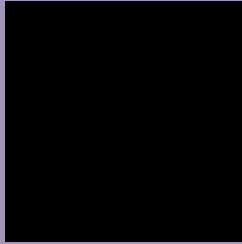
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4288976570 Background



This preview shows how black text looks on a background with the Android color 4288976570.



This preview shows how white text looks on a background with the Android color 4288976570.

# 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**  
4288976570

**Protanopia**  
4287929277

**Deuteranopia**  
4288518330



**Tritanopia**  
4288780966

# Trichromacy



**Original Color**  
4288976570

**Protanomaly**  
4288321980

**Deuteranomaly**  
4288714682

**Tritanomaly**  
4288846253

# Monochromacy



**Original Color**  
4288976570

**Achromatopsia**  
4288585374

**Achromatomaly**  
4288715688

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288976570 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(164, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 186)  
}
```

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(164, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 186) }
```

## Border

The CSS property to change the border of an element to Android 4288976570 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(164, 150, 186) }
```

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

```
.border{ border-color:rgb(164, 150, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4288976570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 186) }
```

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

```
.background{ background-color: rgb(164,  
150, 186) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor