

# Converting Colors

Android(4288970986)

Have a look what the booklet for  
Android(4288970986) contains.

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# **Color**

**Android(4288970986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A480EA
RGB	164, 128, 234
RGB Percent	64%, 50%, 92%
CMY	0.3569, 0.4980, 0.0824
CMYK	0.30, 0.45, 0.00, 0.08
HSL	260°, 72%, 71%
HSV	260°, 45%, 92%
XYZ	37.8803, 29.2714, 81.4953
YIQ	150.8480, -12.5700, 40.5980

# Conversions

## Conversions Part 2

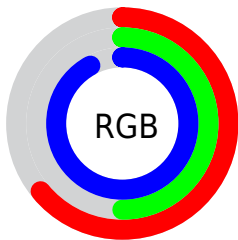
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 128, 234
Decimal	10780906
CIELab	61.02, 35.97, -48.79
CIELCh	61, 60.620, 306.397
Yxy	29.2714, 0.2548, 0.1969
Android (android.graphics.Color)	4288970986 (0xFFA480EA)
YUV	150.8480, 40.9939, 11.5343
Hunter-Lab	54.1030, 30.2967, -51.4364

# Details

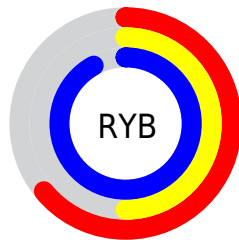
The Android color `4288970986` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4291226240`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4292720127`, and `4285353650` is the 20% darker color. If you saturate the color by 10%, you get `4287982058`, and if you desaturate by 10%, it is `4289959914`.

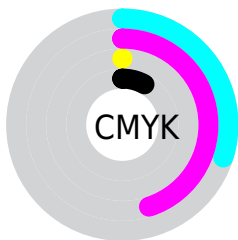
# Distribution



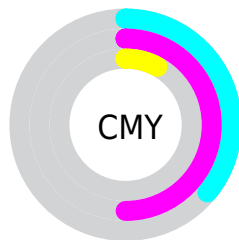
- Red (64%)
- Green (50%)
- Blue (92%)



- Red (64%)
- Yellow (50%)
- Blue (92%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (50%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288970986 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 4288970986 by changing the saturation by 10% instead.



 4288970986

 4288970986

4294967295

 4287129549

 4292720127

 4285353650

 4294693375

 4283578007

 4294962943

 4281737084

 4279765091

 4278190154

 4278191154

 4278190621

 4278190080

■ 4288970986

■ 4288970986

■ 4287982058

■ 4289959914

■ 4286927338

■ 4291014634

■ 4285938410

■ 4292003562

■ 4284883690

■ 4293058282

■ 4283894762

■ 4294047210

■ 4283367658

■ 4294967274

# Harmonies

## Analogous

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



4280719102



4288970986



4292700607

# Triad

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



4288970986



4291854637



4278234526

# Complementary

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



4288970986



4291226240

# 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.



4278233702



4288970986



4288975897

# Square

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



4288970986



4293749591



4285309494



4278234066

# Rectangle

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



4288970986



4293877916



4285309494



4278234251



# Sweetspot

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



4288970986



4293385215



4286629866



4285622912



4278190080



4286611584



# Same Dimension

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



4288970986



4288968191



4292378858



4285426293



4282187957



4279369782



# Inverse Universe

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



4293558470



4294931920



4287818368



4285885041



4290052216



4281729059



# Previews

## White Background



This preview shows how the Android color 4288970986 looks on a white background.

## Color Contrast Check

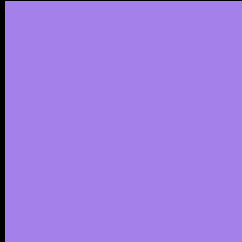
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4288970986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

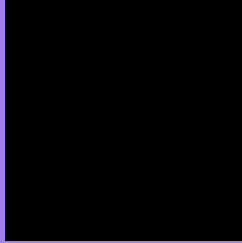
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4288970986 Background



This preview shows how black text looks on a background with the Android color 4288970986.



This preview shows how white text looks on a background with the Android color 4288970986.

# 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**  
4288970986

**Protanopia**  
4284977400

**Deuteranopia**  
4284978150



**Tritanopia**  
4287992477

# Trichromacy



**Original Color**

4288970986



**Protanomaly**

4286417651



**Deuteranomaly**

4286418151



**Tritanomaly**

4288318393

# Monochromacy



**Original Color**

4288970986



**Achromatopsia**

4288124823



**Achromatomaly**

4288450485

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288970986 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, 128, 234)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 234)  
}
```

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, 128, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 234) }
```

## Border

The CSS property to change the border of an element to Android 4288970986 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, 128, 234) }
```

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

```
.border{ border-color:rgb(164, 128, 234) }
```

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

Here you see how a box with a 4 pixel rgb(164, 128, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 234);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4288970986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 234) }
```

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

```
.background{ background-color: rgb(164,  
128, 234) }
```

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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