

# Converting Colors

Android(4288578247)

Have a look what the booklet for  
Android(4288578247) contains.

<b>Android(4288578247)</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(4288578247)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9E82C7
RGB	158, 130, 199
RGB Percent	62%, 51%, 78%
CMY	0.3804, 0.4902, 0.2196
CMYK	0.21, 0.35, 0.00, 0.22
HSL	264°, 38%, 65%
HSV	264°, 35%, 78%
XYZ	32.3920, 27.3579, 57.6062
YIQ	146.2380, -5.4610, 27.3950

# Conversions

## Conversions Part 2

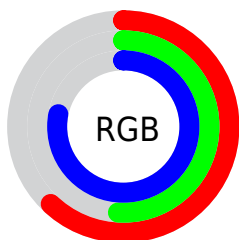
Format	Color
<a href="#">RYB</a>	<a href="#">158, 130, 199</a>
Decimal	<a href="#">10388167</a>
CIELab	<a href="#">59.30, 24.66, -31.92</a>
CIELCh	<a href="#">59, 40.341, 307.689</a>
Yxy	<a href="#">27.3579, 0.2760, 0.2331</a>
Android (android.graphics.Color)	<a href="#">4288578247</a> <a href="#">(0xFF9E82C7)</a>
YUV	<a href="#">146.2380, 26.0117, 10.3153</a>
Hunter-Lab	<a href="#">52.3048, 19.0105, -28.6861</a>

# Details

The Android color `4288578247` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4289447810`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4292261887`, and `4285091985` is the 20% darker color. If you saturate the color by 10%, you get `4287786695`, and if you desaturate by 10%, it is `4289369799`.

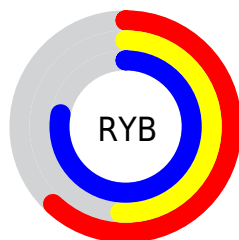
# Distribution



Red (62%)

Green (51%)

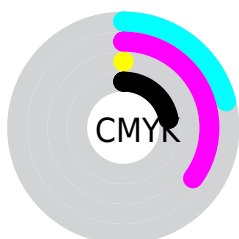
Blue (78%)



Red (62%)

Yellow (51%)

Blue (78%)

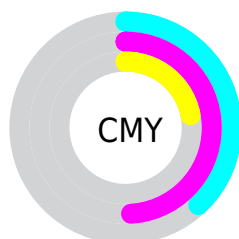


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (49%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288578247 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 4288578247 by changing the saturation by 10% instead.



 4288578247

 4288578247

4294967295

 4286802348

 4292261887

 4285091985

 4294104063

 4283447671

 4294963199

 4281803614

 4280225350

 4278976559

 4278190361

 4278190080

 4288578247

 4288578247

 4287786695

 4289369799


 4286995143

 4290161351

 4286269127

 4290887367

 4285477575

 4291678919

 4284686023

 4292470471

 4283894727

 4293261767

 4283498695

 4294049735

 4294836167

 4294967239

# Harmonies

## Analogous

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



4284911573



4288578247



4290934442

# Triad

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



4288578247



4290413389



4278231447

# Complementary

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



4288578247



4289447810

# 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.



4282818419



4288578247



4288450631

# Square

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



4288578247



4291721061



4285962581



4278231225

# Rectangle

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



4288578247



4291785363



4285962581



4278755723



# Sweetspot

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



4288578247



4293977855



4286753735



4285952128



4278190080



4286611584



# Same Dimension

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



4288578247



4290745599



4290806471



4284373603



4282515619



4279107620



# Inverse Universe

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



4291265195



4294939860



4287219586



4284701279



4288872545

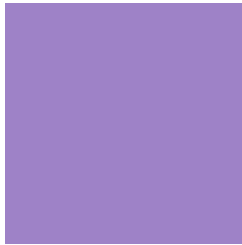


4280549397



# Previews

## White Background



This preview shows how the Android color 4288578247 looks on a white background.

## Color Contrast Check

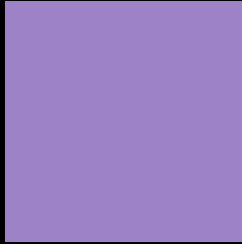
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288578247 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 4288578247 Background



This preview shows how black text looks on a background with the Android color 4288578247.



This preview shows how white text looks on a background with the Android color 4288578247.

# 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**

4288578247

**Protanopia**

4286156240

**Deuteranopia**


4286483909



# Trichromacy

	<b>Original Color</b> 4288578247
	<b>Protanomaly</b> 4287007181
	<b>Deuteranomaly</b> 4287269318
	<b>Tritanomaly</b> 4288252072

# Monochromacy

	<b>Original Color</b> 4288578247
	<b>Achromatopsia</b> 4287795858
	<b>Achromatomaly</b> 4288056485

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288578247 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(158, 130, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 130, 199)  
}
```

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(158, 130, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 130, 199) }
```

## Border

The CSS property to change the border of an element to Android 4288578247 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(158, 130, 199) }
```

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

```
.border{ border-color:rgb(158, 130, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 130, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 130, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 130, 199);  
box-shadow:4px 4px 4px 4px rgb(158, 130,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4288578247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 130, 199) }
```

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

```
.background{ background-color: rgb(158,  
130, 199) }
```

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