

# Converting Colors

Android(4287976565)

Have a look what the booklet for  
Android(4287976565) contains.

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# Color

**Android(4287976565)**

# Conversions

Conversions Part 1	
Format	Color
Hex	955475
RGB	149, 84, 117
RGB Percent	58%, 33%, 46%
CMY	0.4157, 0.6706, 0.5412
CMYK	0.00, 0.44, 0.21, 0.42
HSL	330°, 28%, 46%
HSV	330°, 44%, 58%
XYZ	18.7756, 14.0146, 18.5451
YIQ	107.1970, 28.1470, 24.0430

# Conversions

## Conversions Part 2

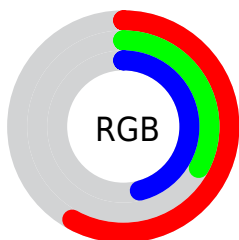
Format	Color
<a href="#">RYB</a>	<a href="#">149, 84, 117</a>
Decimal	<a href="#">9786485</a>
CIELab	<a href="#">44.25, 31.48, -6.98</a>
CIELCh	<a href="#">44, 32.247, 347.505</a>
Yxy	<a href="#">14.0146, 0.3657, 0.2730</a>
Android (android.graphics.Color)	<a href="#">4287976565</a> (0xFF955475)
YUV	<a href="#">107.1970, 4.8329, 36.6612</a>
Hunter-Lab	<a href="#">37.4360, 24.0117, -3.1660</a>

# Details

The Android color **4287976565** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4283733364**, and the grayscale version is **4285229931**.

A 20% lighter version of the original color is **4291659689**, and **4284490821** is the 20% darker color. If you saturate the color by 10%, you get **4287972718**, and if you desaturate by 10%, it is **4287980412**.

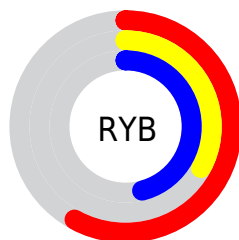
# Distribution



Red (58%)

Green (33%)

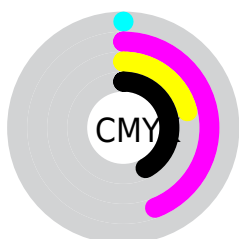
Blue (46%)



Red (58%)

Yellow (33%)

Blue (46%)

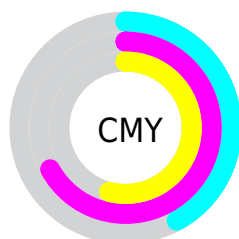


Cyan (0%)

Magenta (44%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (67%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287976565 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 4287976565 by changing the saturation by 10% instead.



 4287976565

 4287976565

4294967295

 4286200924

 4291659689

 4284490821

 4293501636

 4282845999

 4294950368

 4281335834

 4294957565

 4279238656

 4294964991

 4278190080

 4287976565

 4287976565

 4287972718

 4287980412

 4287968870

 4287984260

 4287965023

 4287988107

 4287961176

 4287991954

 4287957328

 4287995802

 4287955020

 4287999393

 4288003240

 4288007088

 4288010935

# Harmonies

## Analogous

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



4286536845



4287976565



4288435034

# Triad

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



4287976565



4285164596



4278219919

# Complementary

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



4287976565



4283733364

# 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.



4278220408



4287976565



4283134531

# Square

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



4287976565



4286800692



4280448604



4280250269

# Rectangle

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



4287976565



4288173897



4280448604



4278220168



# Sweetspot

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



4287976565



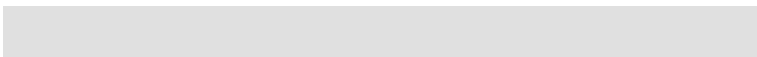
4290947509



4285748373



4284567897



4292927712



4284572001



# Same Dimension

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



4287976565



4290928016



4287976533



4283056966



4287234118



4278845445



# Inverse Universe

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



4287976565



4290928016



4283733396



4283056966



4287234118

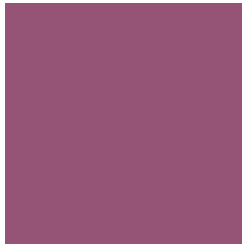


4278845445



# Previews

## White Background



This preview shows how the Android color 4287976565 looks on a white background.

## Color Contrast Check

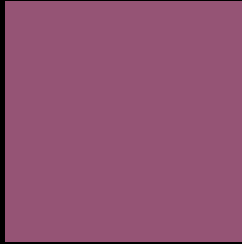
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4287976565 looks on a black 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

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



## Android 4287976565 Background



This preview shows how black text looks on a background with the Android color 4287976565.



This preview shows how white text looks on a background with the Android color 4287976565.

# 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**

4287976565

**Protanopia**

4284704898

**Deuteranopia**

4285490802



# Trichromacy

	<b>Original Color</b> 4287976565
	<b>Protanomaly</b> 4285882749
	<b>Deuteranomaly</b> 4286406515
	<b>Tritanomaly</b> 4287911783

# Monochromacy

	<b>Original Color</b> 4287976565
	<b>Achromatopsia</b> 4285229931
	<b>Achromatomaly</b> 4286210927

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287976565 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(149, 84, 117) looks like.

```
.text, #text, p{  
    color:rgb(149, 84, 117)  
}
```

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(149, 84, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 84, 117) }
```

## Border

The CSS property to change the border of an element to Android 4287976565 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(149, 84, 117) }
```

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

```
.border{ border-color:rgb(149, 84, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 84, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(149, 84,  
117) }
```

# Background

The CSS property to change the background color of an element to Android 4287976565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 84, 117) }
```

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

```
.background{ background-color: rgb(149, 84,  
117) }
```

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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