

# Converting Colors

Android(4287855941)

Have a look what the booklet for  
Android(4287855941) contains.

<b>Android(4287855941)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4287855941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	937D45
RGB	147, 125, 69
RGB Percent	58%, 49%, 27%
CMY	0.4235, 0.5098, 0.7294
CMYK	0.00, 0.15, 0.53, 0.42
HSL	43°, 36%, 42%
HSV	43°, 53%, 58%
XYZ	20.4404, 21.2999, 8.6642
YIQ	125.1940, 31.0880, -12.7520

# Conversions

## Conversions Part 2

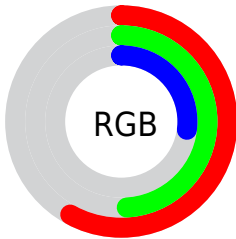
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 147, 69
Decimal	9665861
CIE <sub>Lab</sub>	53.28, 0.96, 33.42
CIE <sub>LCh</sub>	53, 33.432, 88.358
Yxy	21.2999, 0.4055, 0.4226
Android (android.graphics.Color)	4287855941 (0xFF937D45)
YUV	125.1940, -27.7036, 19.1239
Hunter-Lab	46.1519, -1.7091, 21.1757

# Details

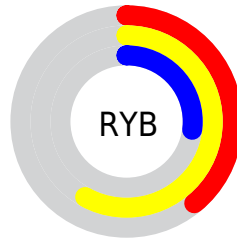
The Android color `4287855941` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4282735507`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4291539319`, and `4284369942` is the 20% darker color. If you saturate the color by 10%, you get `4287854902`, and if you desaturate by 10%, it is `4287856980`.

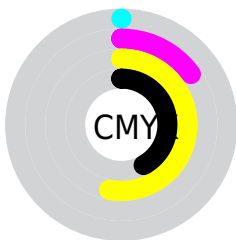
# Distribution



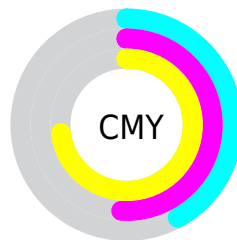
- Red (58%)
- Green (49%)
- Blue (27%)



- Red (39%)
- Yellow (58%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287855941 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 4287855941 by changing the saturation by 10% instead.





4287855941



4287855941

4294967295



4286080045



4291539319



4284369942



4293381521



4282725888



4294961579



4281147648



4294967239



4279438080



4294967267



4278190080



4287855941



4287855941



4287854902



4287856980



4287853864



4287858018

■ 4287852825

■ 4287859057

■ 4287851530

■ 4287860352

■ 4287851008

■ 4287861390

■ 4287862429

■ 4287863468

■ 4287864507

■ 4287865545

# Harmonies

## Analogous

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



4289360719



4287855941



4285957707

# Triad

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



4287855941



4278226586



4288835230

# Complementary

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



4287855941



4282735507

# 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.



4286609586



4287855941



4278225583

# Square

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



4287855941



4280716925



4283466680



4290013314

# Rectangle

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



4287855941



4284451416



4283466680



4288180646



# Sweetspot

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



4287855941



4290754465



4287841627



4284570702



4292927712



4284572001



# Same Dimension

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



4287855941



4290747717



4286747461



4283058243



4287259392



4278847232



# Inverse Universe

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



4282735507



4282738623



4283843987



4282598730



4278200202

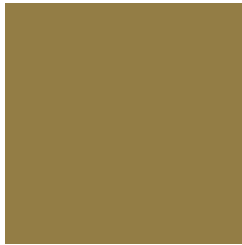


4278190858



# Previews

## White Background



This preview shows how the Android color 4287855941 looks on a white background.

## Color Contrast Check

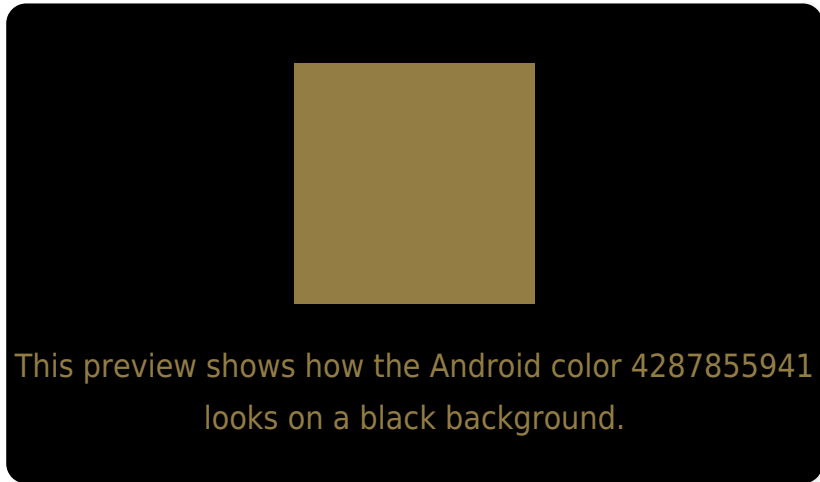
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287855941 Background



This preview shows how black text looks on a background with the Android color 4287855941.



This preview shows how white text looks on a background with the Android color 4287855941.

# 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**  
4287855941

**Protanopia**  
4287397702

**Deuteranopia**  
4288444742



**Tritanopia**  
4288181887

# Trichromacy



**Original Color**  
4287855941

**Protanomaly**  
4287594054

**Deuteranomaly**  
4288248390

**Tritanomaly**  
4288051562

# Monochromacy



**Original Color**  
4287855941

**Achromatopsia**  
4286414205

**Achromatomaly**  
4286938473

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287855941 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(147, 125, 69)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 69)  
}
```

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(147, 125, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 69) }
```

## Border

The CSS property to change the border of an element to Android 4287855941 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(147, 125, 69) }
```

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

```
.border{ border-color:rgb(147, 125, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 69);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4287855941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 69) }
```

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

```
.background{ background-color: rgb(147,  
125, 69) }
```

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