

# Converting Colors

Android(4287921664)

Have a look what the booklet for  
Android(4287921664) contains.

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**Color**

**Android(4287921664)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947E00
RGB	148, 126, 0
RGB Percent	58%, 49%, 0%
CMY	0.4196, 0.5059, 1.0000
CMYK	0.00, 0.15, 1.00, 0.42
HSL	51°, 100%, 29%
HSV	51°, 100%, 58%
XYZ	19.6736, 21.2176, 3.0585
YIQ	118.2140, 53.5580, -34.5220

# Conversions

## Conversions Part 2

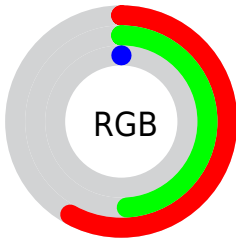
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 148, 0
Decimal	9731584
CIE Lab	53.19, -2.45, 58.49
CIE LCh	53, 58.542, 92.399
Yxy	21.2176, 0.4476, 0.4828
Android (android.graphics.Color)	4287921664 (0xFF947E00)
YUV	118.2140, -58.2795, 26.1223
Hunter-Lab	46.0626, -4.3711, 28.3070

# Details

The Android color **4287921664** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4278195860**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4291736131**, and **4284304896** is the 20% darker color. If you saturate the color by 10%, you get **4287921664**, and if you desaturate by 10%, it is **4287922191**.

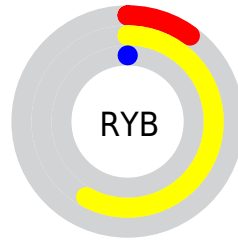
# Distribution



Red (58%)

Green (49%)

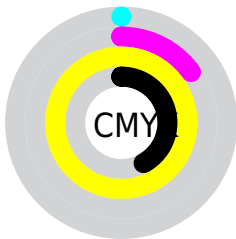
Blue (0%)



Red (10%)

Yellow (58%)

Blue (0%)

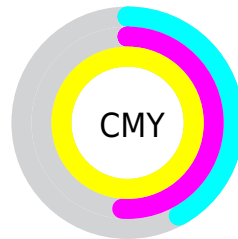


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287921664 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 4287921664 by changing the saturation by 10% instead.





4287921664



4287921664

4294967295



4286080256



4291736131



4284304896



4293709405



4282529536



4294961784



4280885760



4294967187



4278914304



4294967215



4278190080



4294967243



4294967272



4287921664

 4287922191

 4287922718

 4287923500

 4287924027

 4287924554

 4287925081

 4287925608

 4287926390

 4287926917

# Harmonies

## Analogous

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



4290538273



4287921664



4284582687

# Triad

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



4287921664



4278228660



4290730415

# Complementary

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



4287921664



4278195860

# 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.



4286869717



4287921664



4278227160

# Square

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



4287921664



4278228610



4278224100



4292365437

# Rectangle

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



4287921664



4281241918



4278224100



4289683645



# Sweetspot

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



4287921664



4290754438



4287889430



4284570686



4292927712



4284572001



# Same Dimension

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



4287921664



4290749184



4284519424



4283058499



4287264000



4278847744



# Inverse Universe

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



4278195860



4278197439



4281598100



4282598474



4278195338

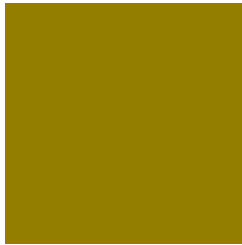


4278190602



# Previews

## White Background



This preview shows how the Android color 4287921664 looks on a white background.

## Color Contrast Check

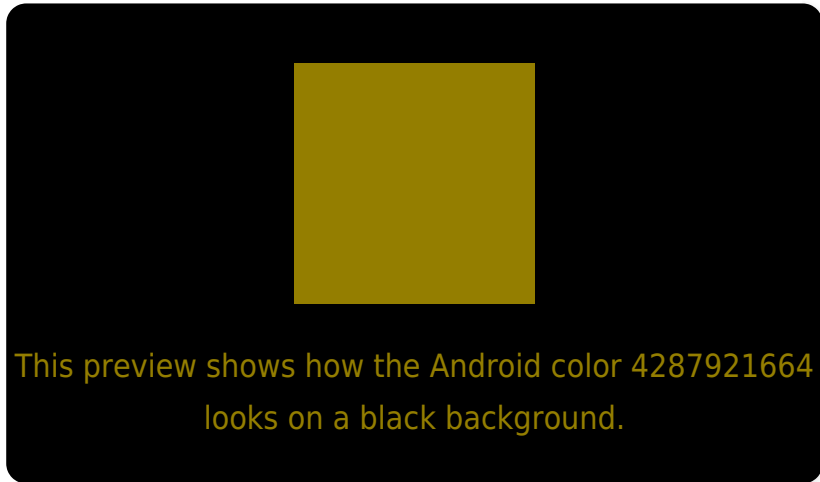
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287921664 Background



This preview shows how black text looks on a background with the Android color 4287921664.

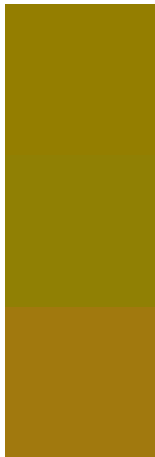


This preview shows how white text looks on a background with the Android color 4287921664.

# 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**  
4287921664

**Protanopia**  
4287660036

**Deuteranopia**  
4288772366



**Tritanopia**  
4288378238

# Trichromacy



**Original Color**  
4287921664

**Protanomaly**  
4287725315

**Deuteranomaly**  
4288445193

**Tritanomaly**  
4288182352

# Monochromacy



**Original Color**  
4287921664

**Achromatopsia**  
4285953654

**Achromatomaly**  
4286675275

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287921664 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(148, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 0)  
}
```

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(148, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287921664 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(148, 126, 0) }
```

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

```
.border{ border-color:rgb(148, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4287921664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 0) }
```

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

```
.background{ background-color: rgb(148,  
126, 0) }
```

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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