

# Converting Colors

Android(4287945024)

Have a look what the booklet for  
Android(4287945024) contains.

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# **Color**

**Android(4287945024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D940
RGB	148, 217, 64
RGB Percent	58%, 85%, 25%
CMY	0.4196, 0.1490, 0.7490
CMYK	0.32, 0.00, 0.71, 0.15
HSL	87°, 67%, 55%
HSV	87°, 71%, 85%
XYZ	37.9510, 56.2918, 13.7157
YIQ	178.9270, 7.9890, -62.2110

# Conversions

## Conversions Part 2

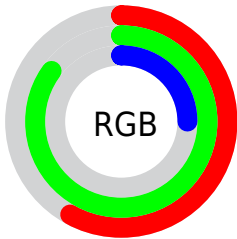
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 217, 133
Decimal	9754944
CIELab	79.78, -44.66, 64.88
CIELCh	80, 78.764, 124.541
Yxy	56.2918, 0.3515, 0.5214
Android (android.graphics.Color)	4287945024 (0xFF94D940)
YUV	178.9270, -56.6590, -27.1230
Hunter-Lab	75.0278, -41.0088, 41.6808

# Details

The Android color `4287945024` is a dark color, and the websafe version is hex `99CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4286922969`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4291755896`, and `4284195328` is the 20% darker color. If you saturate the color by 10%, you get `4287289642`, and if you desaturate by 10%, it is `4288600406`.

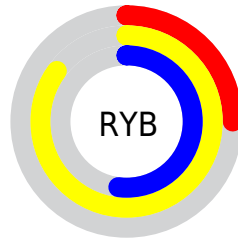
# Distribution



Red (58%)

Green (85%)

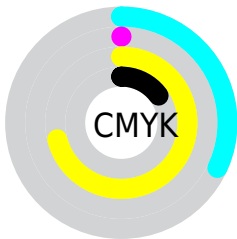
Blue (25%)



Red (25%)

Yellow (85%)

Blue (52%)

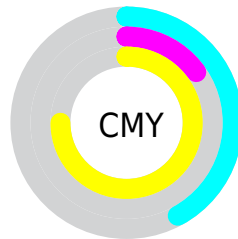


Cyan (32%)

Magenta (0%)

Yellow (71%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287945024 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 4287945024 by changing the saturation by 10% instead.




 4287945024

 4287945024

4294967295

 4286037280

 4291755896

 4284195328

 4293722004

 4282287872

 4294967216

 4280184064

 4294967245

 4278211584

 4294967274

 4278205440

 4278200064

 4278190080

 4287945024

 4287945024

■ 4287289642

■ 4288600406

■ 4286634261

■ 4289255787

■ 4286044416

■ 4289845633

■ 4290501015

■ 4291156397

■ 4291811778

■ 4292467160

■ 4293057006

■ 4293712383

# Harmonies

## Analogous

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



4292920852



4287945024



4278248579

# Triad

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



4287945024



4278247167



4294933950

# Complementary

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



4287945024



4286922969

# 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.



4294938111



4287945024



4278242303

# Square

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



4287945024



4278249471



4292193791



4294937719

# Rectangle

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



4287945024



4278249397



4292193791



4294934486

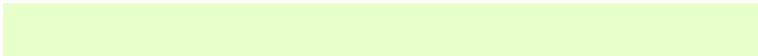


# Sweetspot

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



4287945024



4293394377



4292445504



4285628512



4278190080



4286611584



# Same Dimension

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



4287945024



4288544550



4282964288



4285099619



4284460288



4279840256



# Inverse Universe

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



4286922969



4287112959



4291903705



4285031278



4283302061



4279566382



# Previews

## White Background



This preview shows how the Android color 4287945024 looks on a white background.

## Color Contrast Check

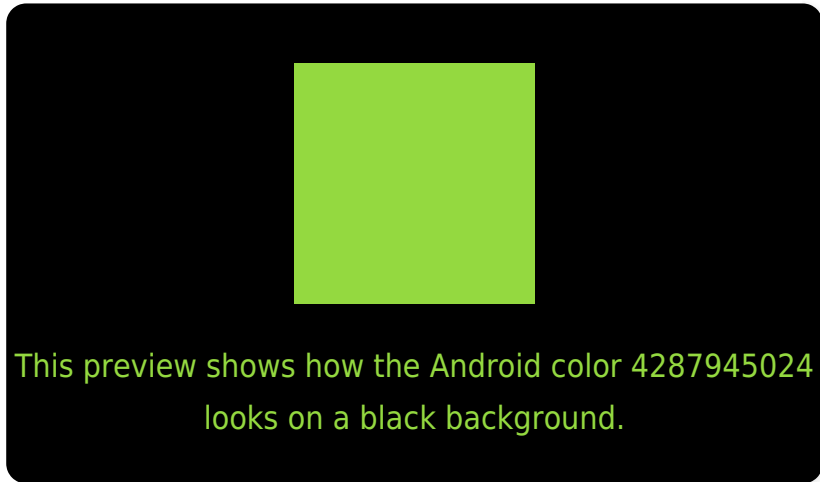
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4287945024 Background



This preview shows how black text looks on a background with the Android color 4287945024.

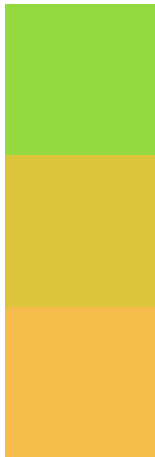


This preview shows how white text looks on a background with the Android color 4287945024.

# 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**  
4287945024

**Protanopia**  
4292724027

**Deuteranopia**  
4294294347



# Trichromacy



**Original Color**  
4287945024



**Protanomaly**  
4290956349



**Deuteranomaly**  
4292003399



**Tritanomaly**  
4288794787

# Monochromacy



**Original Color**  
4287945024



**Achromatopsia**  
4289967027



**Achromatomaly**  
4289249673

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287945024 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, 217, 64)` looks like.

```
.text, #text, p{  
    color:rgb(148, 217, 64)  
}
```

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, 217, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 217, 64) }
```

## Border

The CSS property to change the border of an element to Android 4287945024 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, 217, 64) }
```

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

```
.border{ border-color:rgb(148, 217, 64) }
```

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

Here you see how a box with a 4 pixel rgb(148, 217, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 217, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 217, 64);  
box-shadow:4px 4px 4px 4px rgb(148, 217,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4287945024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 217, 64) }
```

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

```
.background{ background-color: rgb(148,  
217, 64) }
```

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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