

# Converting Colors

Android(4284712003)

Have a look what the booklet for  
Android(4284712003) contains.

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# Color

**Android(4284712003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	638443
RGB	99, 132, 67
RGB Percent	39%, 52%, 26%
CMY	0.6118, 0.4824, 0.7373
CMYK	0.25, 0.00, 0.49, 0.48
HSL	90°, 33%, 39%
HSV	90°, 49%, 52%
XYZ	14.4100, 19.5604, 8.3262
YIQ	114.7230, 1.1970, -27.2110

# Conversions

## Conversions Part 2

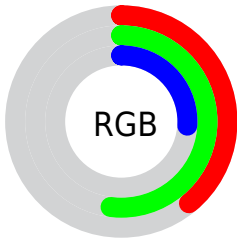
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 132, 100
Decimal	6521923
CIELab	51.34, -23.63, 31.21
CIELCh	51, 39.145, 127.136
Yxy	19.5604, 0.3407, 0.4625
Android (android.graphics.Color)	4284712003 (0xFF638443)
YUV	114.7230, -23.5274, -13.7891
Hunter-Lab	44.2272, -19.2392, 19.7970

# Details

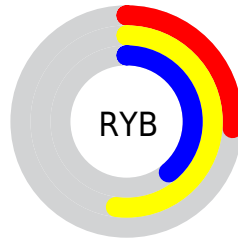
The Android color `4284712003` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4284760964`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4288133492`, and `4281487892` is the 20% darker color. If you saturate the color by 10%, you get `4284253238`, and if you desaturate by 10%, it is `4285170768`.

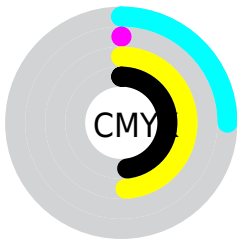
# Distribution



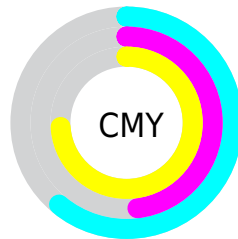
- Red (39%)
- Green (52%)
- Blue (26%)



- Red (26%)
- Yellow (52%)
- Blue (39%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (48%)



- Cyan (61%)
- Magenta (48%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284712003 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 4284712003 by changing the saturation by 10% instead.





4284712003



4284712003

4294967295



4283067179



4288133492



4281487892



4289975694



4279909120



4291752361



4278199552



4293656517



4278192384



4294967265



4278190080

4294967294



4284712003



4284712003



4284253238



4285170768

■ 4283860009

■ 4285563997

■ 4283401243

■ 4286022763

■ 4282942478

■ 4286481528

■ 4282483713

■ 4286940293

■ 4282483712

■ 4287333522

■ 4287792287

■ 4288251053

■ 4288644282

# Harmonies

## Analogous

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



4287068982



4284712003



4281633119

# Triad

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



4284712003



4278224311



4290338420

# Complementary

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



4284712003



4284760964

# 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.



4289356693



4284712003



4283464637

# Square

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



4284712003



4278225570



4287131312



4290077780

# Rectangle

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



4284712003



4278225782



4287131312



4290141823



# Sweetspot

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



4284712003



4288588689



4286866499



4283389767



4292269782



4283914071



# Same Dimension

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



4284712003



4286098246



4282614851



4282335804



4282417664



4278256384



# Inverse Universe

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



4284760964



4286138027



4286858116



4282334274



4282515586



4278255619



# Previews

## White Background



This preview shows how the Android color 4284712003 looks on a white background.

## Color Contrast Check

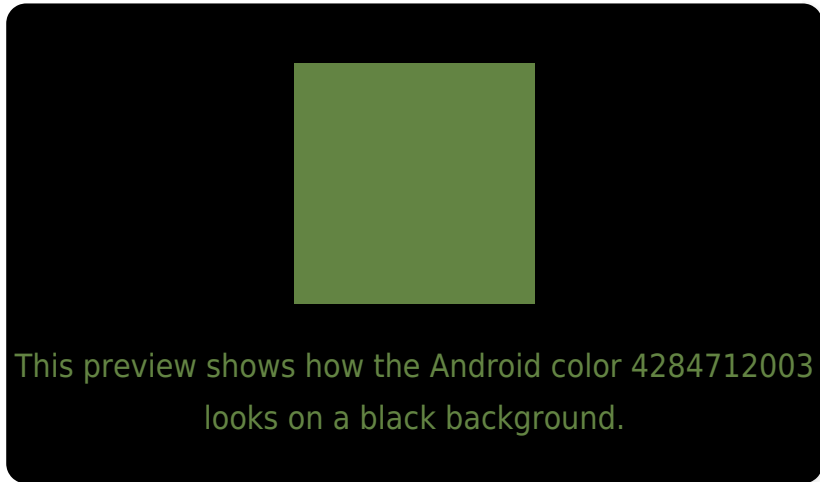
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284712003 Background



This preview shows how black text looks on a background with the Android color 4284712003.



This preview shows how white text looks on a background with the Android color 4284712003.

# 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**  
4284712003

**Protanopia**  
4287068736

**Deuteranopia**  
4287919175



# Trichromacy



**Original Color**  
4284712003

**Protanomaly**  
4286217793

**Deuteranomaly**  
4286741062

**Tritanomaly**  
4285104238

# Monochromacy



**Original Color**  
4284712003

**Achromatopsia**  
4285756275

**Achromatomaly**  
4285364578

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284712003 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(99, 132, 67)` looks like.

```
.text, #text, p{  
    color:rgb(99, 132, 67)  
}
```

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(99, 132, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 132, 67) }
```

## Border

The CSS property to change the border of an element to Android 4284712003 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(99, 132, 67) }
```

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

```
.border{ border-color:rgb(99, 132, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 132, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 132, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 132, 67);  
box-shadow:4px 4px 4px 4px rgb(99, 132,  
67) }
```

# Background

The CSS property to change the background color of an element to Android 4284712003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 132, 67) }
```

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

```
.background{ background-color: rgb(99, 132,  
67) }
```

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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