

# Converting Colors

Android(4284770097)

Have a look what the booklet for  
Android(4284770097) contains.

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# Color

**Android(4284770097)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	646731
RGB	100, 103, 49
RGB Percent	39%, 40%, 19%
CMY	0.6078, 0.5961, 0.8078
CMYK	0.03, 0.00, 0.52, 0.60
HSL	63°, 36%, 30%
HSV	63°, 52%, 40%
XYZ	10.6602, 12.6316, 4.7820
YIQ	95.9470, 15.5460, -17.4300

# Conversions

## Conversions Part 2

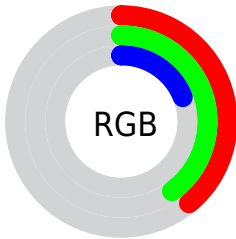
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 103, 52
Decimal	6580017
CIE <sub>Lab</sub>	42.20, -9.75, 29.79
CIE <sub>LCh</sub>	42, 31.340, 108.121
Yxy	12.6316, 0.3797, 0.4499
Android (android.graphics.Color)	4284770097 (0xFF646731)
YUV	95.9470, -23.1449, 3.5545
Hunter-Lab	35.5409, -8.6573, 16.9012

# Details

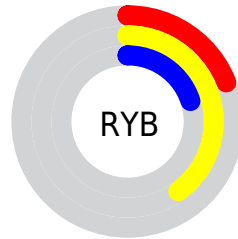
The Android color **4284770097** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4281610599**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4288191073**, and **4281612290** is the 20% darker color. If you saturate the color by 10%, you get **4284704551**, and if you desaturate by 10%, it is **4284835643**.

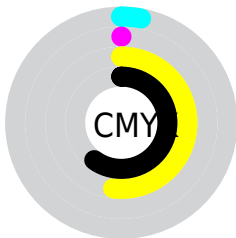
# Distribution



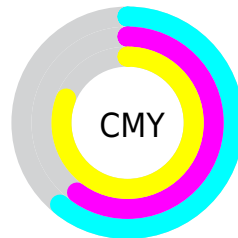
- Red (39%)
- Green (40%)
- Blue (19%)



- Red (19%)
- Yellow (40%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284770097 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 4284770097 by changing the saturation by 10% instead.





4284770097



4284770097

4294967295



4283125530



4288191073



4281612290



4289967482



4280099584



4291809428



4278193664



4293717167



4278190080



4294967243



4294967271



4284770097



4284770097



4284704551



4284835643

■ 4284704540

■ 4284835654

■ 4284638994

■ 4284901200

■ 4284638984

■ 4284901210

■ 4284573440

■ 4284966757

■ 4284966767

■ 4285032313

■ 4285097859

■ 4285097870

# Harmonies

## Analogous

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



4286340912



4284770097



4282805568

# Triad

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



4284770097



4278218633



4287582319

# Complementary

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



4284770097



4281610599

# 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.



4286142342



4284770097



4280183190

# Square

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



4284770097



4278219123



4283851157



4287975253

# Rectangle

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



4284770097



4281233487



4283851157



4287189367



# Sweetspot

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



4284770097



4287006578



4284953649



4282664248



4291085508



4282729797



# Same Dimension

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



4284770097



4286744370



4283000625



4281545518



4285297408



4293259776



# Inverse Universe

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



4281610599



4281807495



4283380071



4281216563



4278583411



4279042290



# Previews

## White Background



This preview shows how the Android color 4284770097 looks on a white background.

## Color Contrast Check

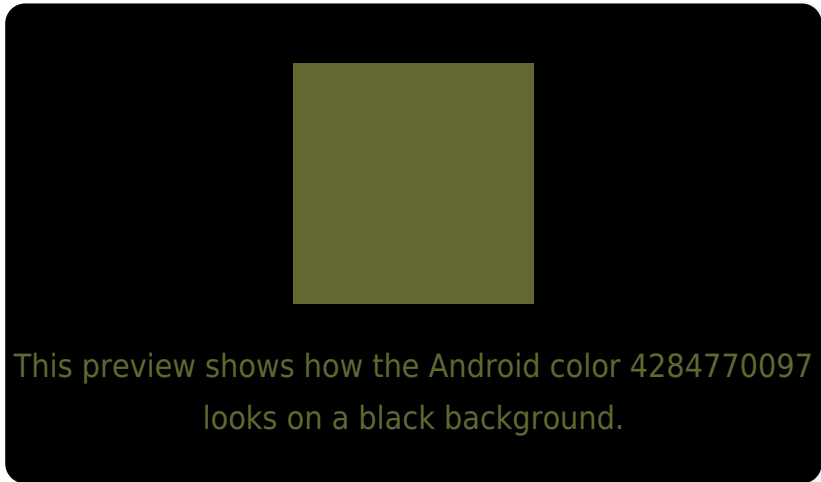
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4284770097 Background



This preview shows how black text looks on a background with the Android color 4284770097.



This preview shows how white text looks on a background with the Android color 4284770097.

# 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**  
4284770097

**Protanopia**  
4285424688

**Deuteranopia**  
4286209843



# Trichromacy



**Original Color**  
4284770097

**Protanomaly**  
4285162800

**Deuteranomaly**  
4285686322

**Tritanomaly**  
4285031253

# Monochromacy



**Original Color**  
4284770097

**Achromatopsia**  
4284506208

**Achromatomaly**  
4284572495

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284770097 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(100, 103, 49)` looks like.

```
.text, #text, p{  
    color:rgb(100, 103, 49)  
}
```

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(100, 103, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 103, 49) }
```

## Border

The CSS property to change the border of an element to Android 4284770097 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(100, 103, 49) }
```

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

```
.border{ border-color:rgb(100, 103, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 103, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 103, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 103, 49);  
box-shadow:4px 4px 4px 4px rgb(100, 103,  
49) }
```

# Background

The CSS property to change the background color of an element to Android 4284770097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 103, 49) }
```

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

```
.background{ background-color: rgb(100,  
103, 49) }
```

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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