

# Converting Colors

Android(4284774256)

Have a look what the booklet for  
Android(4284774256) contains.

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# Color

**Android(4284774256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	647770
RGB	100, 119, 112
RGB Percent	39%, 47%, 44%
CMY	0.6078, 0.5333, 0.5608
CMYK	0.16, 0.00, 0.06, 0.53
HSL	158°, 9%, 43%
HSV	158°, 16%, 47%
XYZ	14.7770, 17.0728, 17.8458
YIQ	112.5210, -9.0770, -6.2050

# Conversions

## Conversions Part 2

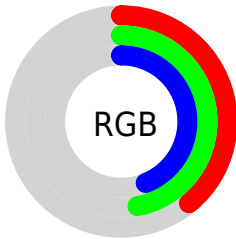
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 112, 119
Decimal	6584176
CIE <sub>Lab</sub>	48.35, -8.52, 1.50
CIE <sub>LCh</sub>	48, 8.653, 170.020
Yxy	17.0728, 0.2973, 0.3435
Android (android.graphics.Color)	4284774256 (0xFF647770)
YUV	112.5210, -0.2569, -10.9809
Hunter-Lab	41.3193, -8.4719, 3.3162

# Details

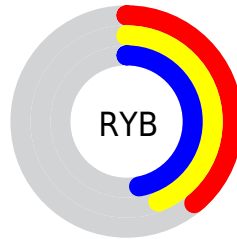
The Android color `4284774256` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286014571`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4288129956`, and `4281681728` is the 20% darker color. If you saturate the color by 10%, you get `4283987820`, and if you desaturate by 10%, it is `4285560692`.

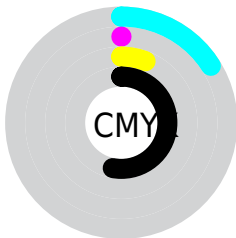
# Distribution



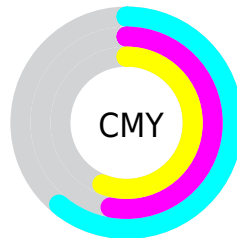
- Red (39%)
- Green (47%)
- Blue (44%)



- Red (39%)
- Yellow (44%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284774256 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 4284774256 by changing the saturation by 10% instead.





4284774256



4284774256

4294967295



4283194968



4288129956



4281681728



4289906623



4280234026



4291683291



4278852374



4293591031



4278190080



4284774256



4284774256



4283987820



4285560692



4283201383



4286347129



4282414947



4287133565

■ 4281628510

■ 4287920002

■ 4280907610

■ 4288706438

■ 4280121174

■ 4289427338

■ 4279334737

■ 4290213775

■ 4278548301

■ 4291000211

■ 4278220619

■ 4291786647

# Harmonies

## Analogous

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



4285232745



4284774256



4284512119

# Triad

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



4284774256



4285624960



4286672744

# Complementary

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



4284774256



4286014571

# 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.



4286803566



4284774256



4286214012

# Square

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



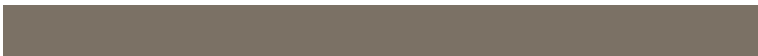
4284774256



4285035649



4286606966



4286280037

# Rectangle

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



4284774256



4284577660



4286606966



4286738282



# Sweetspot

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



4284774256



4287929497



4285232996



4283060045



4291809231



4283387727



# Same Dimension

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



4284774256



4286487697



4284773751



4281678648



4278221389



4278254238



# Inverse Universe

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



4286014571



4288446089



4286015076



4282070327



4286185517



4294574172



# Previews

## White Background



This preview shows how the Android color 4284774256 looks on a white background.

## Color Contrast Check

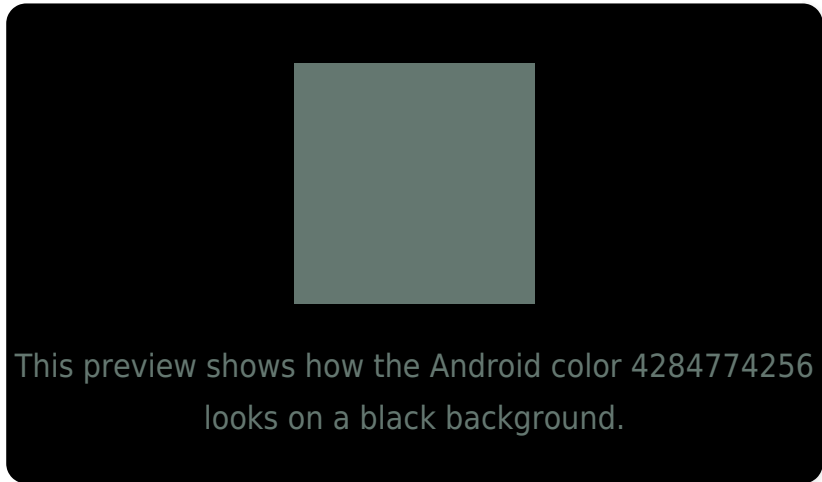
Large Text (above 18pt) WCAG AA ✓ Pass

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

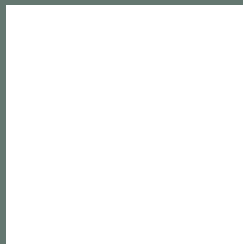
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284774256 Background



This preview shows how black text looks on a background with the Android color 4284774256.



This preview shows how white text looks on a background with the Android color 4284774256.

# 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**

[4284774256](#)

**Protanopia**

[4285952621](#)

**Deuteranopia**

[4286476146](#)



# Trichromacy



**Original Color**

4284774256

**Protanomaly**

4285494382

**Deuteranomaly**

4285887089

**Tritanomaly**

4284905081

# Monochromacy



**Original Color**

4284774256

**Achromatopsia**

4285624689

**Achromatomaly**

4285297521

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284774256 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, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(100, 119, 112)  
}
```

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, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 119, 112) }
```

## Border

The CSS property to change the border of an element to Android 4284774256 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, 119, 112) }
```

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

```
.border{ border-color:rgb(100, 119, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 119, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 119, 112);  
box-shadow:4px 4px 4px 4px rgb(100, 119,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4284774256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 119, 112) }
```

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

```
.background{ background-color: rgb(100,  
119, 112) }
```

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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