

# Converting Colors

Android(4281617474)

Have a look what the booklet for  
Android(4281617474) contains.

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# Color

**Android(4281617474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	344C42
RGB	52, 76, 66
RGB Percent	20%, 30%, 26%
CMY	0.7961, 0.7020, 0.7412
CMYK	0.32, 0.00, 0.13, 0.70
HSL	155°, 19%, 25%
HSV	155°, 32%, 30%
XYZ	4.9840, 6.2923, 6.1061
YIQ	67.6840, -11.0940, -8.1980

# Conversions

## Conversions Part 2

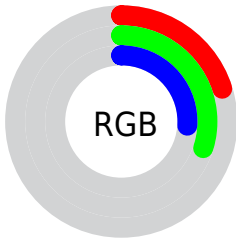
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 67, 76
Decimal	3427394
CIELab	30.14, -11.72, 3.00
CIELCh	30, 12.101, 165.670
Yxy	6.2923, 0.2867, 0.3620
Android (android.graphics.Color)	4281617474 (0xFF344C42)
YUV	67.6840, -0.8302, -13.7549
Hunter-Lab	25.0844, -8.4319, 3.1266

# Details

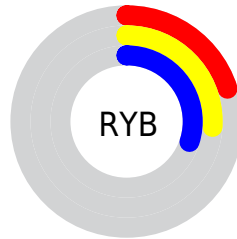
The Android color `4281617474` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283184190`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4284710258`, and `4278788119` is the 20% darker color. If you saturate the color by 10%, you get `4281093183`, and if you desaturate by 10%, it is `4282141765`.

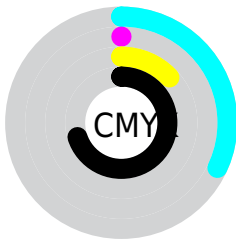
# Distribution



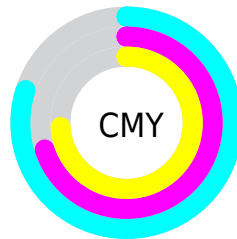
- Red (20%)
- Green (30%)
- Blue (26%)



- Red (20%)
- Yellow (26%)
- Blue (30%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (70%)



- Cyan (80%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281617474 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 4281617474 by changing the saturation by 10% instead.





4281617474



4281617474

4294967295



4280169772



4284710258



4278788119



4286355339



4278190336



4288066214



4278190080



4289842625



4291684829



4293525497



4281617474



4281617474



4281093183



4282141765

■ 4280634428

■ 4282600520

■ 4280110137

■ 4283124812

■ 4279651381

■ 4283583567

■ 4279127090

■ 4284107858

■ 4278602799

■ 4284632149

■ 4278209580

■ 4285090904

■ 4285615195

■ 4286073950

# Harmonies

## Analogous

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



4282272314



4281617474



4281158732

# Triad

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



4281617474



4282599001



4283974202

# Complementary

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



4281617474



4283184190

# 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.



4284104770



4281617474



4283384660

# Square

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



4281617474



4281747801



4283908428



4283581749

# Rectangle

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



4281617474



4281093202



4283908428



4284105020



# Sweetspot

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



4281617474



4284113760



4282272820



4281152305



4289967027



4281545523



# Same Dimension

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



4281617474



4282278740



4281616972



4280428069



4278216252



4278249094



# Inverse Universe

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



4283184190



4284694093



4283184692



4280689188



4284874794



4293263456



# Previews

## White Background



This preview shows how the Android color 4281617474 looks on a white background.

## Color Contrast Check

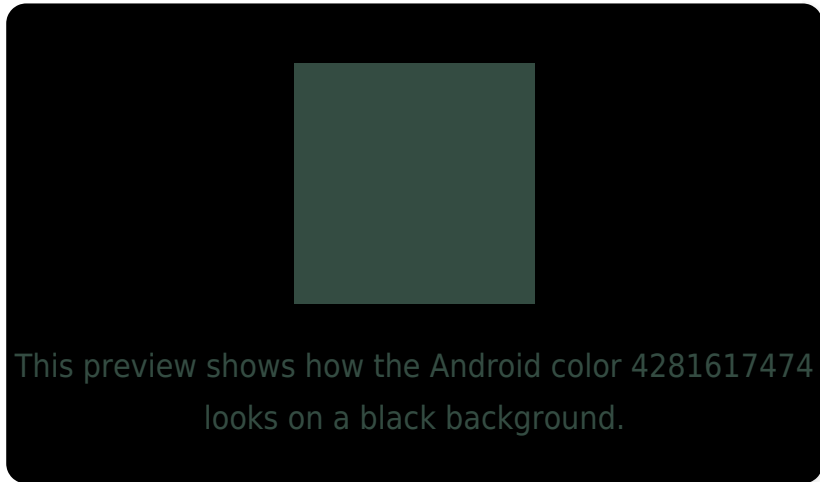
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

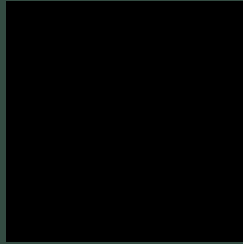
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281617474 Background



This preview shows how black text looks on a background with the Android color 4281617474.



This preview shows how white text looks on a background with the Android color 4281617474.

# 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**

4281617474

**Protanopia**

4283057983

**Deuteranopia**

4283384900



# Trichromacy



**Original Color**

4281617474

**Protanomaly**

4282534208

**Deuteranomaly**

4282730307

**Tritanomaly**

4281748299

# Monochromacy



**Original Color**

4281617474

**Achromatopsia**

4282664004

**Achromatomaly**

4282271555

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281617474 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(52, 76, 66)` looks like.

```
.text, #text, p{  
    color:rgb(52, 76, 66)  
}
```

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(52, 76, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 76, 66) }
```

## Border

The CSS property to change the border of an element to Android 4281617474 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(52, 76, 66) }
```

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

```
.border{ border-color:rgb(52, 76, 66) }
```

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

Here you see how a box with a 4 pixel rgb(52, 76, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 76, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 76, 66);  
box-shadow:4px 4px 4px 4px rgb(52, 76, 66)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281617474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 76, 66) }
```

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

```
.background{ background-color: rgb(52, 76,  
66) }
```

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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