# Converting Colors

Android(4281423703)

Have a look what the booklet for Android(4281423703) contains.

# Color

**Android(4281423703)**

# Conversions

| Format | Color |
|---|---|
| Hex | 315757 |
| RGB | 49, 87, 87 |
| RGB Percent | 19%, 34%, 34% |
| CMY | 0.8078, 0.6588, 0.6588 |
| CMYK | 0.44, 0.00, 0.00, 0.66 |
| HSL | 180°, 28%, 27% |
| HSV | 180°, 44%, 34% |
| XYZ | 6.3951, 8.1575, 10.2543 |
| YIQ | 75.6380, -22.6480, -8.0560 |

Conversions Part 1

# Conversions

Conversions Part 2

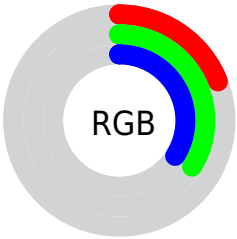
| Format | Color |
|---|---|
| RYB | 49, 68, 87 |
| Decimal | 3233623 |
| CIELab | 34.31, -13.48, -4.25 |
| CIELCh | 34, 14.140, 197.512 |
| Yxy | 8.1575, 0.2578, 0.3288 |
| Android (android.graphics.Color) | 4281423703 (0xFF315757) |
| YUV | 75.6380, 5.6015, -23.3615 |
| Hunter-Lab | 28.5613, -10.0146, -1.2939 |

# Details

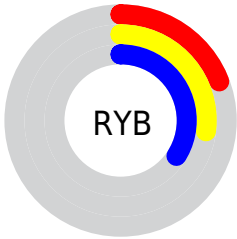
The Android color 4281423703 is a dark color, and the websafe version is hex 336666. A complement of this color would be 4283904305, and the grayscale version is 4283190348.

A 20% lighter version of the original color is 4284647817, and 4278200618 is the 20% darker color. If you saturate the color by 10%, you get 4280833879, and if you desaturate by 10%, it is 4282013527.

# Distribution

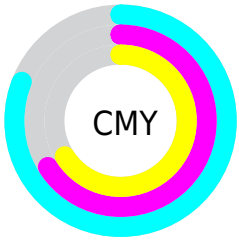



- Red (19%)
- Green (34%)
- Blue (34%)




- Red (19%)
- Yellow (27%)
- Blue (34%)


- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (66%)




- Cyan (81%)
- Magenta (66%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281423703 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 4281423703 by changing the saturation by 10% instead.

4281423703

4294967295

4284647817

4286358435

4288069310

4289845978

4291688438

4293525503

4281423703

4279844928

4278200618

4278195733

4278190080

4281423703

4280833879

4281423703

4282013527

4280309591

4279719767

4279129943

4278540119

4278212439

4282537815

4283127639

4283717463

4284307287

4284831575

4285421399

4286011223

4286535511

# Harmonies

## Analogous

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

4281947979

4281423703

4281488993

# Triad

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

4281423703

4284107872

4284304955

# Complementary

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

4281423703

4283904305

# 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.

4284828481

4281423703

4284762454

# Square

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

4281423703

4283191142

4285024586

4283585083

# Rectangle

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

4281423703

4281881701

4285024586

4284501308

# Sweetspot

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

4281423703

4284641392

4281423665

4281284664

4290295992

4281874488

# Same Dimension

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

4281423703

4281757808

4281418839

4280757035

4278217579

4278250475

# Inverse Universe

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

4283904343

4285544048

4283909169

4281018155

4285202539

4293591275

# Previews

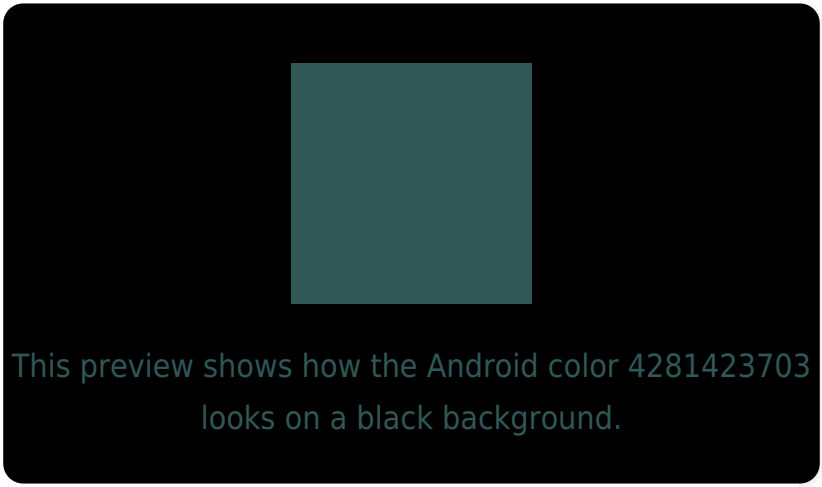
## White Background

This preview shows how the Android color 4281423703 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

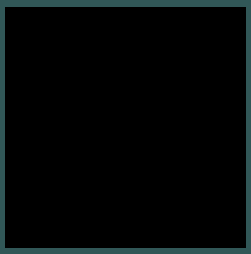



### Color Contrast Check

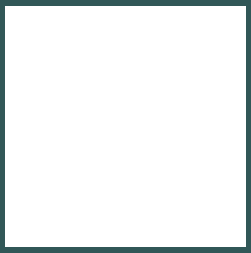
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Android 4281423703 Background



This preview shows how black text looks on a background with the Android color 4281423703.



This preview shows how white text looks on a background with the Android color 4281423703.

# 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**
4281423703

**Protanopia**
4283519059

**Deuteranopia**
4283715161

**Tritanopia**
4281554525

# Trichromacy

**Original Color**
4281423703

**Protanomaly**
4282733396

**Deuteranomaly**
4282863960

**Tritanomaly**
4281488987

# Monochromacy

**Original Color**
4281423703

**Achromatopsia**
4283190348

**Achromatomaly**
4282536016

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281423703 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(49, 87, 87) looks like.

```
.text, #text, p{
    color:rgb(49, 87, 87)
}
```

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(49, 87, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 87, 87) }
```

# Border

The CSS property to change the border of an element to Android 4281423703 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(49, 87, 87) }
```

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

```
.border{ border-color:rgb(49, 87, 87) }
```

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

Here you see how a box with a 4 pixel rgb(49, 87, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 87, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 87, 87); box-shadow:4px 4px 4px 4px rgb(49, 87, 87) }
```

# Background

The CSS property to change the background color of an element to Android 4281423703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(49, 87, 87) }
```

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

```
.background{ background-color:rgb(49, 87,
87) }
```

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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