

# Converting Colors

Android(4281422694)

Have a look what the booklet for  
Android(4281422694) contains.

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# Color

**Android(4281422694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	315366
RGB	49, 83, 102
RGB Percent	19%, 33%, 40%
CMY	0.8078, 0.6745, 0.6000
CMYK	0.52, 0.19, 0.00, 0.60
HSL	202°, 35%, 30%
HSV	202°, 52%, 40%
XYZ	6.7582, 7.7988, 13.7195
YIQ	75.0000, -26.3630, -1.2990

# Conversions

## Conversions Part 2

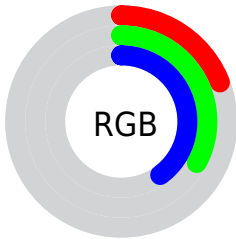
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 70, 102
Decimal	3232614
CIE <sub>Lab</sub>	33.56, -6.48, -14.82
CIE <sub>LCh</sub>	34, 16.173, 246.377
Yxy	7.7988, 0.2390, 0.2758
Android (android.graphics.Color)	4281422694 (0xFF315366)
YUV	75.0000, 13.3110, -22.8020
Hunter-Lab	27.9263, -5.6742, -9.5793

# Details

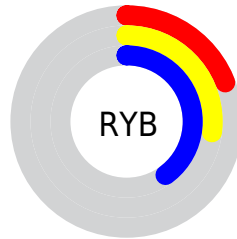
The Android color `4281422694` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284892209`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4284712089`, and `4278199863` is the 20% darker color. If you saturate the color by 10%, you get `4280766310`, and if you desaturate by 10%, it is `4282079078`.

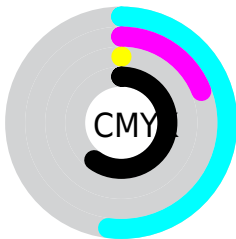
# Distribution



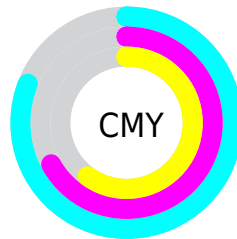
- Red (19%)
- Green (33%)
- Blue (40%)



- Red (19%)
- Yellow (27%)
- Blue (40%)



- Cyan (52%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (67%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281422694 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 4281422694 by changing the saturation by 10% instead.





4281422694



4281422694

4294967295



4279778382



4284712089



4278199863



4286422964



4278194722



4288133583



4278190089



4289975788



4278190080



4291818239



4293656575



4281422694



4281422694



4280766310



4282079078

■ 4280110182

■ 4282735206

■ 4279388262

■ 4283457126

■ 4278731878

■ 4284113510

■ 4278206822

■ 4284769638

■ 4285426022

■ 4286082406

■ 4286804070

■ 4287460454

# Harmonies

## Analogous

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



4280833374



4281422694



4282601320

# Triad

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



4281422694



4285023565



4282864442

# Complementary

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



4281422694



4284892209

# 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.



4283780917



4281422694



4285024064

# Square

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



4281422694



4284630873



4284566328



4281947460

# Rectangle

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



4281422694



4283386982



4284566328



4283191864



# Sweetspot

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



4281422694



4285496709



4281427524



4281744962



4290953922



4282532418



# Same Dimension

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



4281422694



4281493381



4281416038



4281217331



4278209139



4278230002



# Inverse Universe

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



4284887379



4286919271



4284898865



4281544241



4285726794

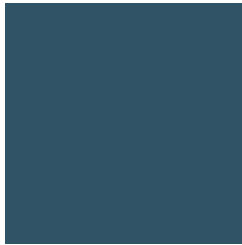


4294049947



# Previews

## White Background



This preview shows how the Android color 4281422694 looks on a white background.

## Color Contrast Check

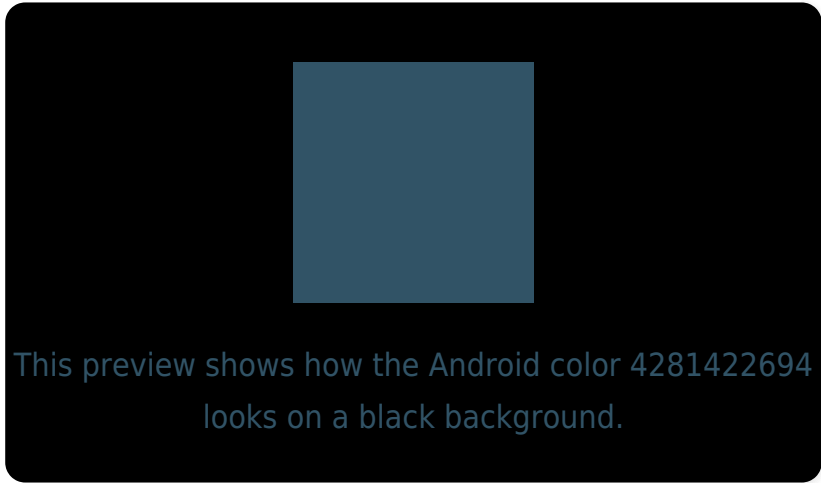
Large Text (above 18pt) WCAG AA ✓ Pass

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

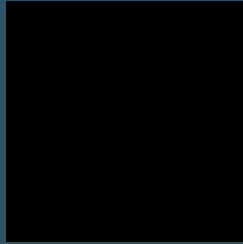
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

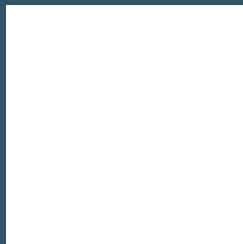
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281422694 Background



This preview shows how black text looks on a background with the Android color 4281422694.



This preview shows how white text looks on a background with the Android color 4281422694.

# 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**

4281422694

**Protanopia**

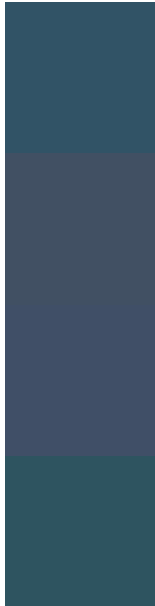
4283059810

**Deuteranopia**

4282994023



# Trichromacy



**Original Color**

4281422694

**Protanomaly**

4282470499

**Deuteranomaly**

4282404711

**Tritanomaly**

4281226336

# Monochromacy



**Original Color**

4281422694

**Achromatopsia**

4283124555

**Achromatomaly**

4282535509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281422694 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, 83, 102)` looks like.

```
.text, #text, p{  
    color:rgb(49, 83, 102)  
}
```

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, 83, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 83, 102) }
```

## Border

The CSS property to change the border of an element to Android 4281422694 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, 83, 102) }
```

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

```
.border{ border-color:rgb(49, 83, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 83, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 83, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 83, 102);  
box-shadow:4px 4px 4px 4px rgb(49, 83,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4281422694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 83, 102) }
```

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

```
.background{ background-color: rgb(49, 83,  
102) }
```

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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