

# Converting Colors

Android(4281670218)

Have a look what the booklet for  
Android(4281670218) contains.

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# Color

**Android(4281670218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	351A4A
RGB	53, 26, 74
RGB Percent	21%, 10%, 29%
CMY	0.7922, 0.8980, 0.7098
CMYK	0.28, 0.65, 0.00, 0.71
HSL	274°, 48%, 20%
HSV	274°, 65%, 29%
XYZ	3.0736, 1.9901, 6.7007
YIQ	39.5450, 0.6840, 20.6520

# Conversions

## Conversions Part 2

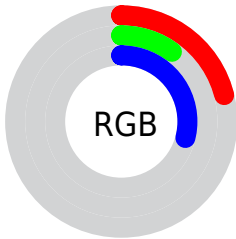
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 26, 74
Decimal	3480138
CIELab	15.44, 23.80, -24.76
CIELCh	15, 34.347, 313.865
Yxy	1.9901, 0.2613, 0.1692
Android (android.graphics.Color)	4281670218 (0xFF351A4A)
YUV	39.5450, 16.9863, 11.8000
Hunter-Lab	14.1070, 14.2040, -18.2872

# Details

The Android color **4281670218** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4281289242**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4284893051**, and **4278190110** is the 20% darker color. If you saturate the color by 10%, you get **4281471818**, and if you desaturate by 10%, it is **4281868618**.

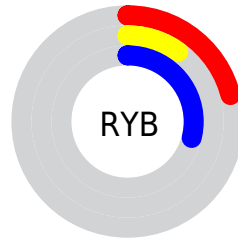
# Distribution



Red (21%)

Green (10%)

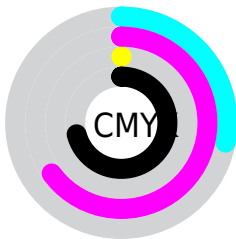
Blue (29%)



Red (21%)

Yellow (10%)

Blue (29%)

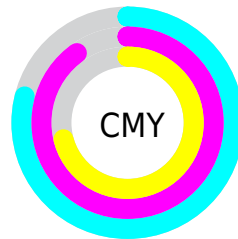


Cyan (28%)

Magenta (65%)

Yellow (0%)

Black (71%)



Cyan (79%)

Magenta (90%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281670218 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 4281670218 by changing the saturation by 10% instead.



■ 4281670218

■ 4281670218

4294967295

■ 4280222515

■ 4284893051

■ 4278190110

■ 4286537621

■ 4278190080

■ 4288247984

■ 4290089675

■ 4291865832

■ 4293773567

■ 4294960383

■ 4281670218

■ 4281670218

■ 4281471818

■ 4281868618

■ 4281273162

■ 4282067274

■ 4281009226

■ 4282331210

■ 4280942666

■ 4282529866

■ 4282728266

■ 4282926666

■ 4283190858

■ 4283389258

■ 4283587914

# Harmonies

## Analogous

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



4278199894



4281670218



4283108405

# Triad

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



4281670218



4282130688



4278202674

# Complementary

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



4281670218



4281289242

# 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.



4278202392



4281670218



4280756480

# Square

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



4281670218



4283110400



4278857216



4278202440

# Rectangle

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



4281670218



4283434789



4278857216



4278202665



# Sweetspot

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



4281670218



4284042849



4279906378



4281083184



4289769648



4281348144



# Same Dimension

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



4281670218



4282389857



4283046472



4280623654



4281925734



4286644454



# Inverse Universe

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



4283046447



4284552502



4279912988



4280689188



4284874797



4293263460



# Previews

## White Background



This preview shows how the Android color 4281670218 looks on a white background.

## Color Contrast Check

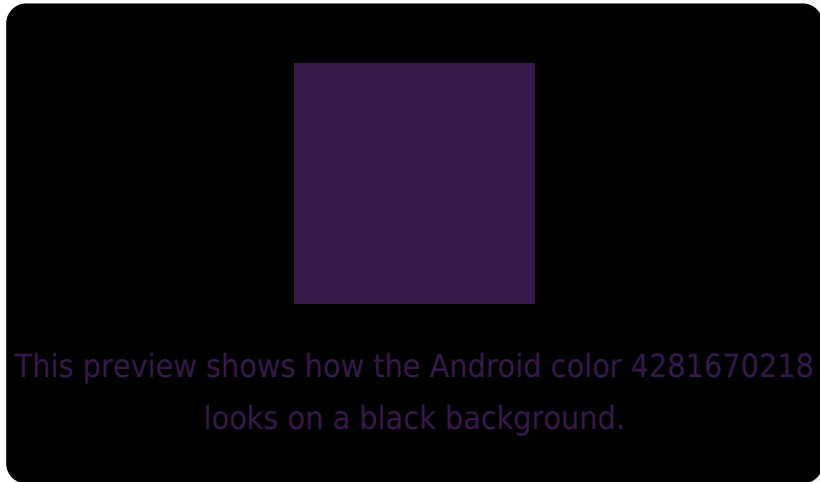
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281670218 Background



This preview shows how black text looks on a background with the Android color 4281670218.



This preview shows how white text looks on a background with the Android color 4281670218.

# 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](#).

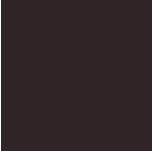
## Dichromacy



**Original Color**  
4281670218

**Protanopia**  
4278199889

**Deuteranopia**  
4278200391



**Tritanopia**  
4281279783

# Trichromacy



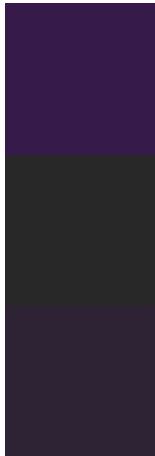
**Original Color**  
4281670218

**Protanomaly**  
4279444046

**Deuteranomaly**  
4279444296

**Tritanomaly**  
4281409844

# Monochromacy



**Original Color**  
4281670218

**Achromatopsia**  
4280821800

**Achromatomaly**  
4281148212

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281670218 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(53, 26, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 26, 74)  
}
```

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(53, 26, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 26, 74) }
```

## Border

The CSS property to change the border of an element to Android 4281670218 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(53, 26, 74) }
```

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

```
.border{ border-color:rgb(53, 26, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 26, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 26, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 26, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 26, 74)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281670218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 26, 74) }
```

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

```
.background{ background-color: rgb(53, 26,  
74) }
```

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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