

# Converting Colors

Android(4282470273)

Have a look what the booklet for  
Android(4282470273) contains.

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# Color

**Android(4282470273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414F81
RGB	65, 79, 129
RGB Percent	25%, 31%, 51%
CMY	0.7451, 0.6902, 0.4941
CMYK	0.50, 0.39, 0.00, 0.49
HSL	227°, 33%, 38%
HSV	227°, 50%, 51%
XYZ	8.9384, 8.3008, 21.9000
YIQ	80.5140, -24.3940, 12.5820

# Conversions

## Conversions Part 2

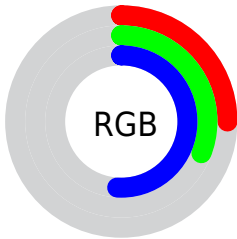
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 76, 129
Decimal	4280193
CIELab	34.60, 9.27, -29.94
CIElCh	35, 31.338, 287.197
Yxy	8.3008, 0.2284, 0.2121
Android (android.graphics.Color)	4282470273 (0xFF414F81)
YUV	80.5140, 23.9036, -13.6058
Hunter-Lab	28.8110, 4.9589, -24.9001

# Details

The Android color `4282470273` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4286673729`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285890742`, and `4278788943` is the 20% darker color. If you saturate the color by 10%, you get `4281615745`, and if you desaturate by 10%, it is `4283324801`.

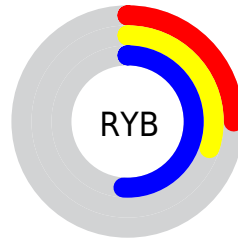
# Distribution



Red (25%)

Green (31%)

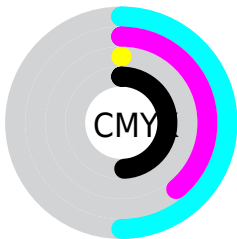
Blue (51%)



Red (25%)

Yellow (30%)

Blue (51%)

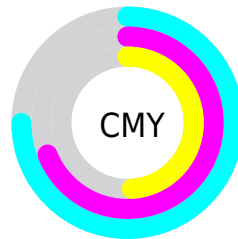


Cyan (50%)

Magenta (39%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (69%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282470273 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 4282470273 by changing the saturation by 10% instead.





4282470273



4282470273

4294967295



4280760424



4285890742



4278788943



4287601362



4278193720



4289377774



4278190626



4291219711



4278190088



4293127423



4278190080



4282470273



4282470273



4281615745



4283324801



4280761217



4284179329

■ 4279906689

■ 4285033857

■ 4279052161

■ 4285888385

■ 4278263169

■ 4286742913

■ 4278197377

■ 4287531905

■ 4288386689

■ 4289241217

■ 4290095745

# Harmonies

## Analogous

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



4278212482



4282470273



4284826995

# Triad

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



4282470273



4286137134



4278213957

# Complementary

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



4282470273



4286673729

# 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.



4281686574



4282470273



4285090848

# Square

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



4282470273



4286594372



4283585567



4278214239

# Rectangle

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



4282470273



4285874021



4283585567



4279917629



# Sweetspot

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



4282470273



4287600040



4282483058



4282730580



4292138196



4283716692



# Same Dimension

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



4282470273



4282603944



4283580801



4281940800



4278197376



4278190080



# Inverse Universe

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



4286660943



4289217369



4285563201



4282399035



4286578716

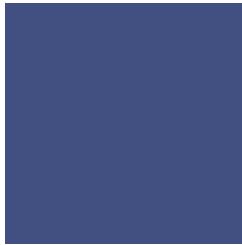


4278190080



# Previews

## White Background



This preview shows how the Android color 4282470273 looks on a white background.

## Color Contrast Check

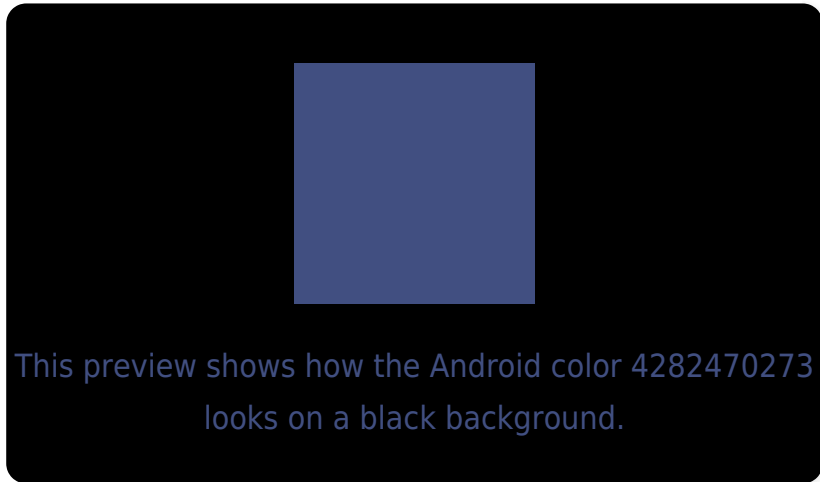
Large Text (above 18pt) WCAG AA ✓ Pass

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

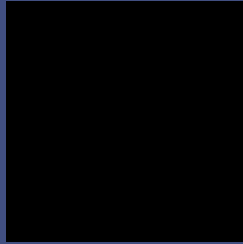
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282470273 Background



This preview shows how black text looks on a background with the Android color 4282470273.



This preview shows how white text looks on a background with the Android color 4282470273.

# 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**

4282470273

**Protanopia**

4282273922

**Deuteranopia**

4281815424



# Trichromacy



**Original Color**

4282470273

**Protanomaly**

4282339458

**Deuteranomaly**

4282077312

**Tritanomaly**

4282012522

# Monochromacy



**Original Color**

4282470273

**Achromatopsia**

4283519313

**Achromatomaly**

4283125858

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282470273 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(65, 79, 129)` looks like.

```
.text, #text, p{  
    color:rgb(65, 79, 129)  
}
```

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(65, 79, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 79, 129) }
```

## Border

The CSS property to change the border of an element to Android 4282470273 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(65, 79, 129) }
```

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

```
.border{ border-color:rgb(65, 79, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 79, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 79, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 79, 129);  
box-shadow:4px 4px 4px 4px rgb(65, 79,  
129) }
```

# Background

The CSS property to change the background color of an element to Android 4282470273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 79, 129) }
```

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

```
.background{ background-color: rgb(65, 79,  
129) }
```

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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