

# Converting Colors

Android(4280968043)

Have a look what the booklet for  
Android(4280968043) contains.

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# Color

**Android(4280968043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A636B
RGB	42, 99, 107
RGB Percent	16%, 39%, 42%
CMY	0.8353, 0.6118, 0.5804
CMYK	0.61, 0.07, 0.00, 0.58
HSL	187°, 44%, 29%
HSV	187°, 61%, 42%
XYZ	8.0705, 10.4775, 15.5069
YIQ	82.8690, -36.5400, -9.5960

# Conversions

## Conversions Part 2

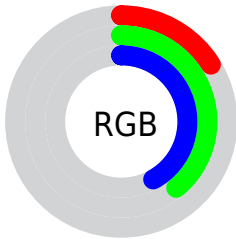
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 72, 107
Decimal	2777963
CIELab	38.69, -15.95, -10.16
CIElCh	39, 18.911, 212.490
Yxy	10.4775, 0.2370, 0.3077
Android (android.graphics.Color)	4280968043 (0xFF2A636B)
YUV	82.8690, 11.8966, -35.8421
Hunter-Lab	32.3689, -12.1402, -5.7457




# Details

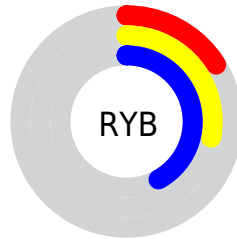
The Android color `4280968043` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285215274`, and the grayscale version is `4283650899`.




A 20% lighter version of the original color is `4284454558`, and `4278203452` is the 20% darker color. If you saturate the color by 10%, you get `4280246891`, and if you desaturate by 10%, it is `4281689195`.

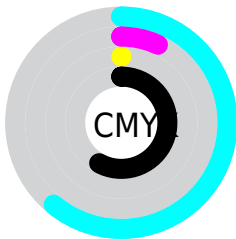
# Distribution







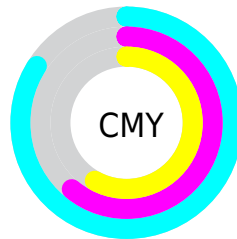
-  Red (16%)
-  Green (39%)
-  Blue (42%)






-  Red (16%)
-  Yellow (28%)
-  Blue (42%)



-  Cyan (61%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280968043 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 4280968043 by changing the saturation by 10% instead.





4280968043



4280968043

4294967295



4278864723



4284454558



4278203452



4286165433



4278198054



4287941845



4278190354



4289784049



4278190080



4291624959



4293525503



4280968043



4280968043



4280246891



4281689195

■ 4279591019

■ 4282345067

■ 4278869867

■ 4283066219

■ 4278214251

■ 4283787371

■ 4284508779

■ 4285164395

■ 4285885547

■ 4286606955

■ 4287262571

# Harmonies

## Analogous

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



4281492572



4280968043



4281622646

# Triad

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



4280968043



4285551210



4284832572

# Complementary

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



4280968043



4285215274

# 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.



4285683008



4280968043



4286140506

# Square

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



4280968043



4284438389



4286140747



4283719489

# Rectangle

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



4280968043



4282474105



4286140747



4285094205



# Sweetspot

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



4280968043



4285761932



4280970034



4281877831



4291282887



4282861383



# Same Dimension

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



4280968043



4280713356



4280959851



4281349430



4278216565



4278245365



# Inverse Universe

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



4285213283



4287374976



4285223466



4281741365



4285857895

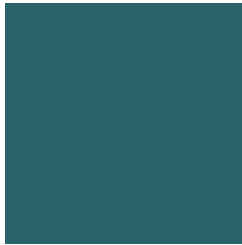


4294246615



# Previews

## White Background



This preview shows how the Android color 4280968043 looks on a white background.

## Color Contrast Check

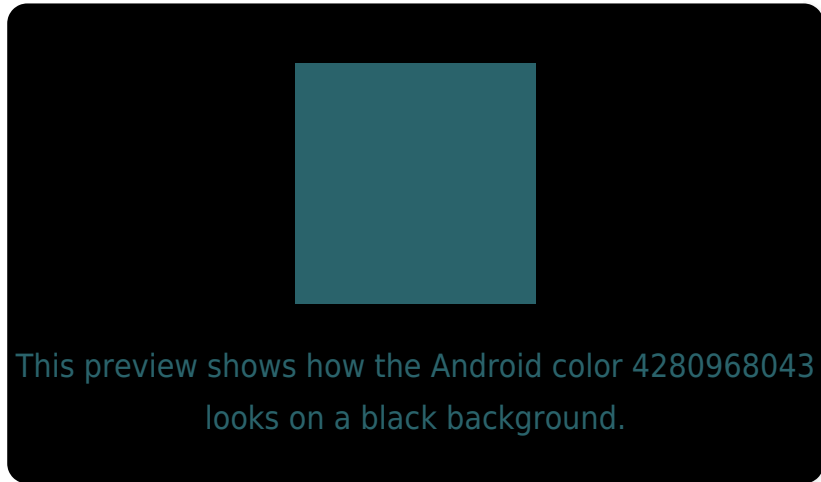
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280968043 Background



This preview shows how black text looks on a background with the Android color 4280968043.



This preview shows how white text looks on a background with the Android color 4280968043.

# 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**

4280968043

**Protanopia**

4284045925

**Deuteranopia**

4284111213



# Trichromacy



**Original Color**  
4280968043

**Protanomaly**  
4282932583

**Deuteranomaly**  
4282998124

**Tritanomaly**  
4280968043

# Monochromacy



**Original Color**  
4280968043

**Achromatopsia**  
4283650899

**Achromatomaly**  
4282669404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280968043 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(42, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(42, 99, 107)  
}
```

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(42, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 99, 107) }
```

## Border

The CSS property to change the border of an element to Android 4280968043 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(42, 99, 107) }
```

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

```
.border{ border-color:rgb(42, 99, 107) }
```

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

Here you see how a box with a 4 pixel rgb(42, 99, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(42, 99,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4280968043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 99, 107) }
```

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

```
.background{ background-color: rgb(42, 99,  
107) }
```

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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