

# Converting Colors

Android(4281688652)

Have a look what the booklet for  
Android(4281688652) contains.

<b>Android(4281688652)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281688652)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35624C
RGB	53, 98, 76
RGB Percent	21%, 38%, 30%
CMY	0.7922, 0.6157, 0.7020
CMYK	0.46, 0.00, 0.22, 0.62
HSL	151°, 30%, 30%
HSV	151°, 46%, 38%
XYZ	7.1404, 10.0141, 8.3940
YIQ	82.0370, -19.7580, -16.3820

# Conversions

## Conversions Part 2

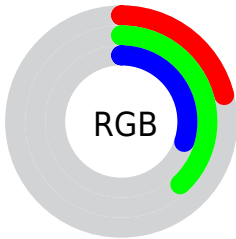
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 83, 98
Decimal	3498572
CIE <sub>Lab</sub>	37.87, -21.21, 7.75
CIE <sub>LCh</sub>	38, 22.586, 159.919
Yxy	10.0141, 0.2795, 0.3920
Android (android.graphics.Color)	4281688652 (0xFF35624C)
YUV	82.0370, -2.9762, -25.4654
Hunter-Lab	31.6450, -15.1019, 6.4244




# Details

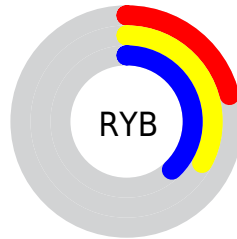
The Android color `4281688652` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284626251`, and the grayscale version is `4283585106`.




A 20% lighter version of the original color is `4284913021`, and `4278399776` is the 20% darker color. If you saturate the color by 10%, you get `4281033287`, and if you desaturate by 10%, it is `4282344017`.

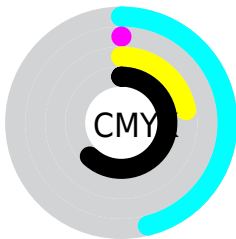
# Distribution







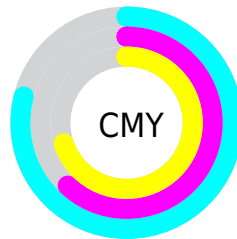
-  Red (21%)
-  Green (38%)
-  Blue (30%)






-  Red (21%)
-  Yellow (33%)
-  Blue (38%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (62%)



-  Cyan (79%)
-  Magenta (62%)
-  Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281688652 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 4281688652 by changing the saturation by 10% instead.





4281688652



4281688652

4294967295



4280109621



4284913021



4278399776



4286623895



4278198025



4288400305



4278190080



4290177229



4292018153



4293853183



4281688652



4281688652



4281033287



4282344017

■ 4280377922

■ 4282999382

■ 4279788094

■ 4283589210

■ 4279132729

■ 4284244575

■ 4278477364

■ 4284899940

■ 4278215218

■ 4285555305

■ 4286210670

■ 4286800498

■ 4287455863

# Harmonies

## Analogous

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



4283129661



4281688652



4280116063

# Triad

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



4281688652



4282997117



4286205507

# Complementary

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



4281688652



4284626251

# 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.



4286401364



4281688652



4284699253

# Square

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



4281688652



4281032315



4285877606



4285551671

# Rectangle

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



4281688652



4279394923



4285877606



4286336328



# Sweetspot

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



4281688652



4285431927



4283195957



4281679930



4290756543



4282400832



# Same Dimension

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



4281688652



4281958493



4281688674



4281085998



4278218809



4278251643



# Inverse Universe

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



4284626251



4286593372



4284626229



4281347118



4285530167

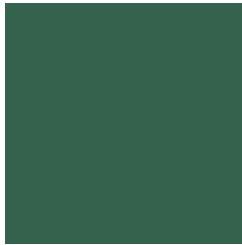


4293918837



# Previews

## White Background



This preview shows how the Android color 4281688652 looks on a white background.

## Color Contrast Check

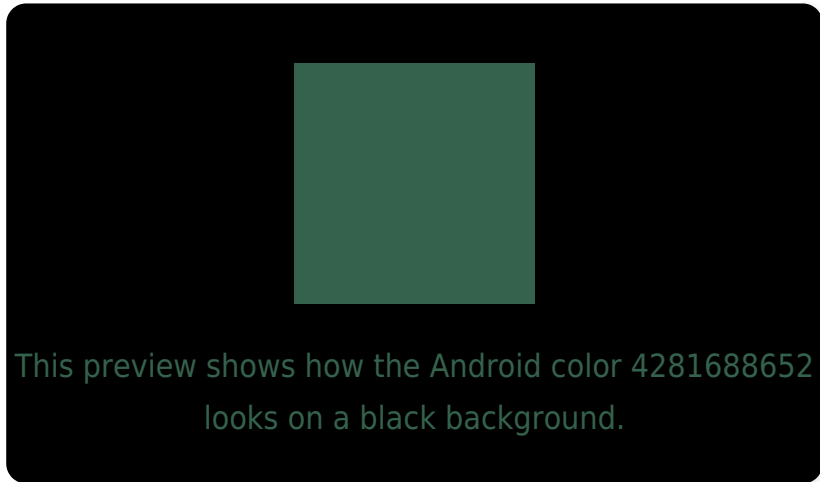
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281688652 Background



This preview shows how black text looks on a background with the Android color 4281688652.



This preview shows how white text looks on a background with the Android color 4281688652.

# 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**  
4281688652

**Protanopia**  
4284373319

**Deuteranopia**  
4284831311



# Trichromacy



**Original Color**

4281688652

**Protanomaly**

4283391049

**Deuteranomaly**

4283718222

**Tritanomaly**

4281950045

# Monochromacy



**Original Color**

4281688652

**Achromatopsia**

4283585106

**Achromatomaly**

4282865744

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281688652 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, 98, 76)` looks like.

```
.text, #text, p{  
    color:rgb(53, 98, 76)  
}
```

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, 98, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 98, 76) }
```

## Border

The CSS property to change the border of an element to Android 4281688652 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, 98, 76) }
```

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

```
.border{ border-color:rgb(53, 98, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 98, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 98, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 98, 76);  
box-shadow:4px 4px 4px 4px rgb(53, 98, 76)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281688652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 98, 76) }
```

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

```
.background{ background-color: rgb(53, 98,  
76) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor