

# Converting Colors

Android(4282419082)

Have a look what the booklet for  
Android(4282419082) contains.

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# Color

**Android(4282419082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40878A
RGB	64, 135, 138
RGB Percent	25%, 53%, 54%
CMY	0.7490, 0.4706, 0.4588
CMYK	0.54, 0.02, 0.00, 0.46
HSL	182°, 37%, 40%
HSV	182°, 54%, 54%
XYZ	15.3658, 20.2529, 27.1441
YIQ	114.1130, -43.2790, -14.1190

# Conversions

## Conversions Part 2

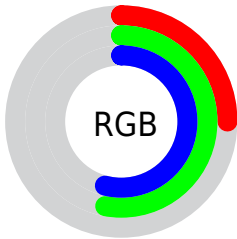
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 100, 138
Decimal	4229002
CIELab	52.12, -21.25, -8.42
CIELCh	52, 22.857, 201.621
Yxy	20.2529, 0.2448, 0.3227
Android (android.graphics.Color)	4282419082 (0xFF40878A)
YUV	114.1130, 11.7763, -43.9491
Hunter-Lab	45.0032, -17.8092, -4.2590




# Details

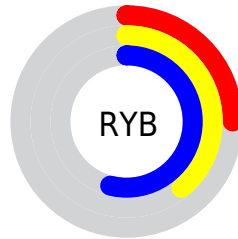
The Android color `4282419082` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287251264`, and the grayscale version is `4285690482`.




A 20% lighter version of the original color is `4285971903`, and `4278211928` is the 20% darker color. If you saturate the color by 10%, you get `4281501322`, and if you desaturate by 10%, it is `4283336842`.

# Distribution







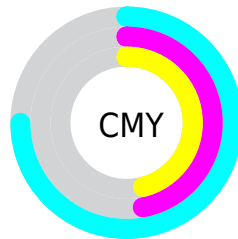
-  Red (25%)
-  Green (53%)
-  Blue (54%)






-  Red (25%)
-  Yellow (39%)
-  Blue (54%)



-  Cyan (54%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (75%)
-  Magenta (47%)
-  Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282419082 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 4282419082 by changing the saturation by 10% instead.





4282419082



4282419082

4294967295



4280511857



4285971903



4278211928



4287813851



4278205761



4289656312



4278200107



4291493887



4278193943



4293394431



4278190080



4282419082



4282419082



4281501322



4283336842



4280583818



4284254346

■ 4279731594

■ 4285106570

■ 4278814090

■ 4286024074

■ 4278224010

■ 4286941834

■ 4287859338

■ 4288777098

■ 4289629066

■ 4290546826

# Harmonies

## Analogous

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



4283402102



4282419082



4282680730

# Triad

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



4282419082



4287656853



4287592790

# Complementary

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



4282419082



4287251264

# 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.



4288574302



4282419082



4288638595

# Square

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



4282419082



4286085537



4288966255



4286349144

# Rectangle

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



4282419082



4283597473



4288966255



4287985496



# Sweetspot

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



4282419082



4288065971



4282419778



4282931545



4292467161



4284045657



# Same Dimension

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



4282419082



4282429107



4282409866



4282271045



4278222725



4278191365



# Inverse Universe

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



4287250567



4289937582



4287260480



4282728005



4286906495

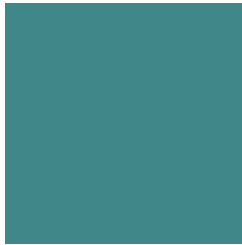


4278517765



# Previews

## White Background



This preview shows how the Android color 4282419082 looks on a white background.

## Color Contrast Check

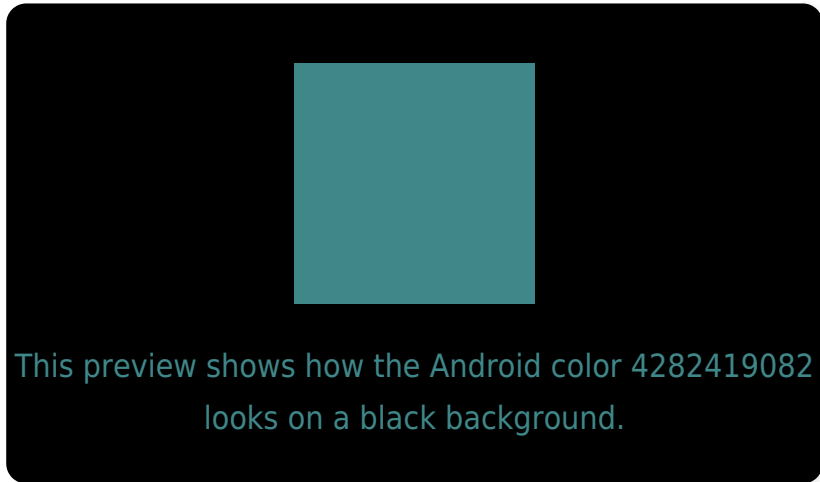
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4282419082 Background



This preview shows how black text looks on a background with the Android color 4282419082.

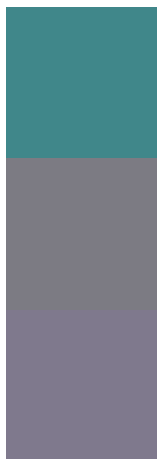


This preview shows how white text looks on a background with the Android color 4282419082.

# 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**  
4282419082

**Protanopia**  
4286348163

**Deuteranopia**  
4286544269



# Trichromacy



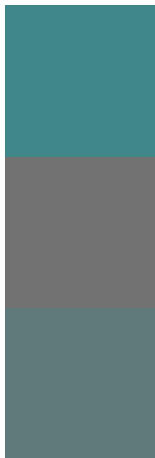
**Original Color**  
4282419082

**Protanomaly**  
4284907398

**Deuteranomaly**  
4285038220

**Tritanomaly**  
4282549902

# Monochromacy



**Original Color**  
4282419082

**Achromatopsia**  
4285690482

**Achromatomaly**  
4284512891

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282419082 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(64, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(64, 135, 138)  
}
```

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(64, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 135, 138) }
```

## Border

The CSS property to change the border of an element to Android 4282419082 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(64, 135, 138) }
```

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

```
.border{ border-color:rgb(64, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(64, 135,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4282419082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 135, 138) }
```

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

```
.background{ background-color: rgb(64, 135,  
138) }
```

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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