

# Converting Colors

Android(4282226559)

Have a look what the booklet for  
Android(4282226559) contains.

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# Color

**Android(4282226559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D977F
RGB	61, 151, 127
RGB Percent	24%, 59%, 50%
CMY	0.7608, 0.4078, 0.5020
CMYK	0.60, 0.00, 0.16, 0.41
HSL	164°, 42%, 42%
HSV	164°, 60%, 59%
XYZ	16.8218, 24.6576, 23.9515
YIQ	121.3540, -45.9360, -26.5440

# Conversions

## Conversions Part 2

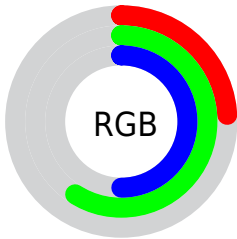
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 113, 151
Decimal	4036479
CIELab	56.74, -32.81, 4.68
CIELCh	57, 33.143, 171.877
Yxy	24.6576, 0.2571, 0.3768
Android (android.graphics.Color)	4282226559 (0xFF3D977F)
YUV	121.3540, 2.7835, -52.9305
Hunter-Lab	49.6564, -26.4293, 6.1614

# Details

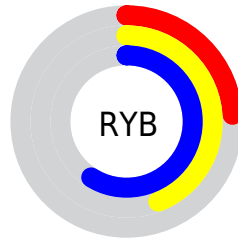
The Android color `4282226559` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288101717`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285910708`, and `4278215502` is the 20% darker color. If you saturate the color by 10%, you get `4281243515`, and if you desaturate by 10%, it is `4283209603`.

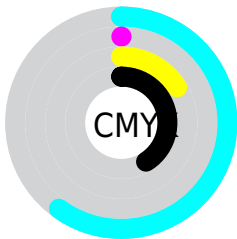
# Distribution



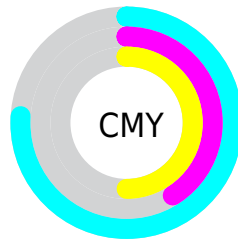
- Red (24%)
- Green (59%)
- Blue (50%)



- Red (24%)
- Yellow (44%)
- Blue (59%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (76%)
- Magenta (41%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282226559 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 4282226559 by changing the saturation by 10% instead.





4282226559



4282226559

4294967295



4280122726



4285910708



4278215502



4287752911



4278209335



4289593323



4278203170



4291493887



4278198284



4293394431



4278190080



4282226559



4282226559



4281243515



4283209603



4280260471



4284192647

■ 4279277427

■ 4285175691

■ 4278294383

■ 4286158735

■ 4278228847

■ 4287207315

■ 4288190359

■ 4289173403

■ 4290156447

■ 4291139491

# Harmonies

## Analogous

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



4284781667



4282226559



4278359965

# Triad

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



4282226559



4286612670



4290214492

# Complementary

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



4282226559



4288101717

# 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.



4290802548



4282226559



4289034668

# Square

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



4282226559



4283403713



4290474641



4288840783

# Rectangle

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



4282226559



4278228654



4290474641



4290475875



# Sweetspot

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



4282226559



4288791739



4283799357



4283327326



4293125091



4284703587



# Same Dimension

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



4282226559



4281844895



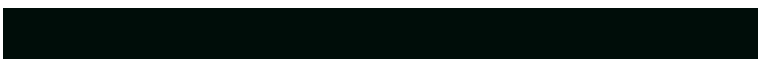
4282221207



4282731850



4278226023



4278193417



# Inverse Universe

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



4288101717



4291049309



4288107069



4283254087



4287365157

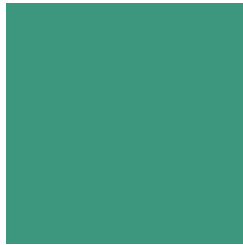


4279042051



# Previews

## White Background



This preview shows how the Android color 4282226559 looks on a white background.

## Color Contrast Check

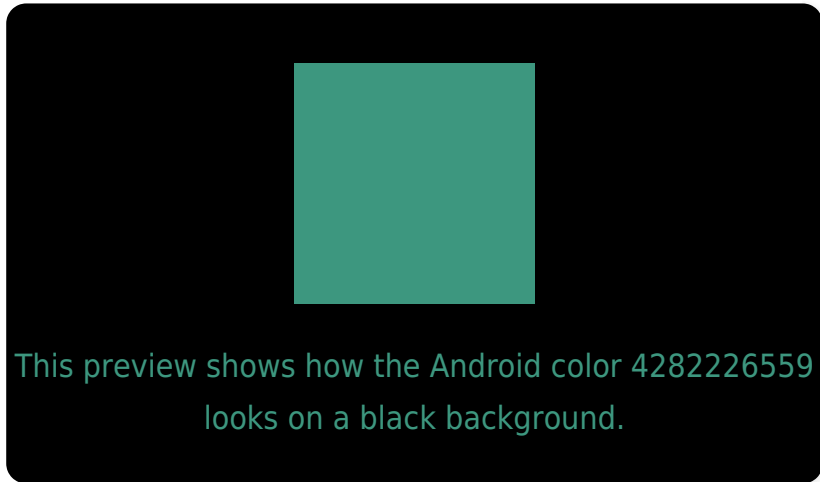
Large Text (above 18pt) WCAG AA ✓ Pass

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

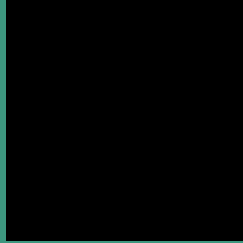
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4282226559 Background



This preview shows how black text looks on a background with the Android color 4282226559.

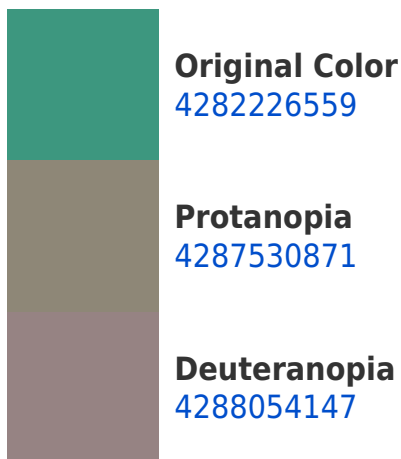


This preview shows how white text looks on a background with the Android color 4282226559.

# 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





# Trichromacy



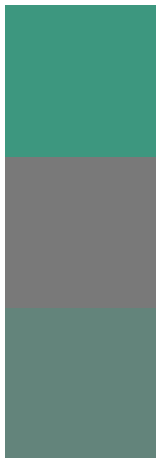
**Original Color**  
4282226559

**Protanomaly**  
4285631866

**Deuteranomaly**  
4285958786

**Tritanomaly**  
4282684563

# Monochromacy



**Original Color**  
4282226559

**Achromatopsia**  
4286151033

**Achromatomaly**  
4284712059

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282226559 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(61, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(61, 151, 127)  
}
```

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(61, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 151, 127) }
```

## Border

The CSS property to change the border of an element to Android 4282226559 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(61, 151, 127) }
```

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

```
.border{ border-color:rgb(61, 151, 127) }
```

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

Here you see how a box with a 4 pixel rgb(61, 151, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(61, 151,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4282226559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 151, 127) }
```

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

```
.background{ background-color: rgb(61, 151,  
127) }
```

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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