

# Converting Colors

Android(4282362979)

Have a look what the booklet for  
Android(4282362979) contains.

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# **Color**

**Android(4282362979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FAC63
RGB	63, 172, 99
RGB Percent	25%, 67%, 39%
CMY	0.7529, 0.3255, 0.6118
CMYK	0.63, 0.00, 0.42, 0.33
HSL	140°, 46%, 46%
HSV	140°, 63%, 67%
XYZ	19.0546, 31.4627, 16.8730
YIQ	131.0870, -41.5310, -45.8110

# Conversions

## Conversions Part 2

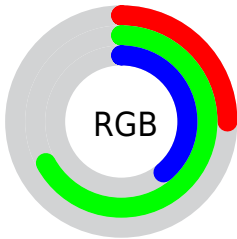
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 145, 172
Decimal	4172899
CIELab	62.90, -47.44, 28.60
CIELCh	63, 55.393, 148.912
Yxy	31.4627, 0.2827, 0.4669
Android (android.graphics.Color)	4282362979 (0xFF3FAC63)
YUV	131.0870, -15.8189, -59.7123
Hunter-Lab	56.0916, -37.5231, 21.4290

# Details

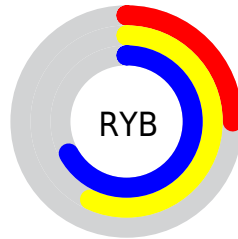
The Android color `4282362979` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289478536`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4286243991`, and `4278220595` is the 20% darker color. If you saturate the color by 10%, you get `4281248855`, and if you desaturate by 10%, it is `4283477103`.

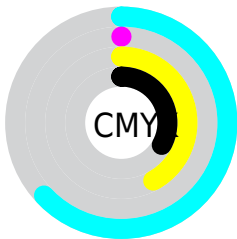
# Distribution



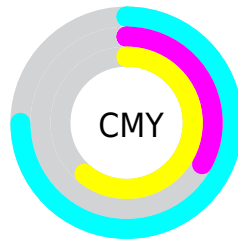
- Red (25%)
- Green (67%)
- Blue (39%)



- Red (25%)
- Yellow (57%)
- Blue (67%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (75%)
- Magenta (33%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282362979 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 4282362979 by changing the saturation by 10% instead.





4282362979



4282362979

4294967295



4279996746



4286243991



4278220595



4288085938



4278213916



4289986509



4278207492



4291887082



4278201856



4293853183



4278194688



4278190080



4282362979



4282362979



4281248855



4283477103

 4280134732

 4284591226

 4278955072

 4285770886

 4278234169

 4286885009

 4287999133

 4289113256

 4290227380

 4291407039

 4292521163

# Harmonies

## Analogous

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



4286817084



4282362979



4278235285

# Triad

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



4282362979



4278361851



4293947755

# Complementary

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



4282362979



4289478536

# 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.



4293880988



4282362979



4288056559

# Square

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



4282362979



4278233836



4291983564



4292510276

# Rectangle

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



4282362979



4278235319



4291983564



4294143355



# Sweetspot

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



4282362979



4290175172



4287212607



4283854943



4293980400



4285558896



# Same Dimension

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



4282362979



4281786478



4282363032



4283324241



4278228530



4278195976



# Inverse Universe

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



4289478536



4292884136



4289478483



4283911764



4288020581



4279697423



# Previews

## White Background



This preview shows how the Android color 4282362979 looks on a white background.

## Color Contrast Check

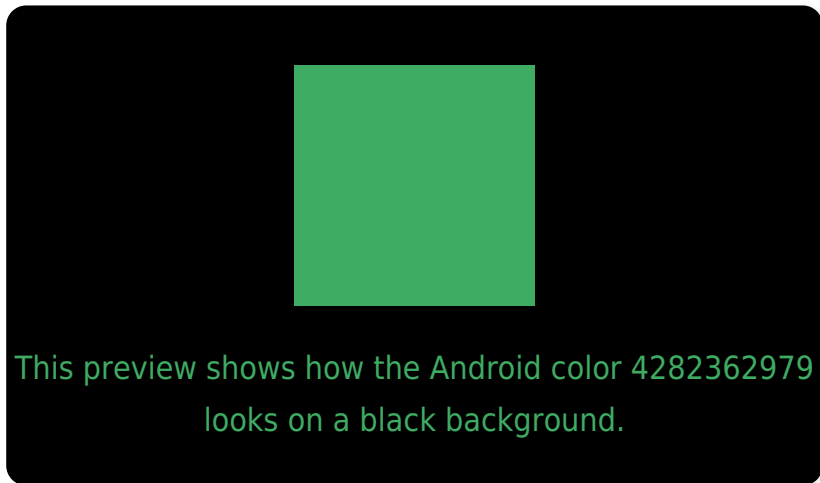
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4282362979 Background



This preview shows how black text looks on a background with the Android color 4282362979.



This preview shows how white text looks on a background with the Android color 4282362979.

# 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**  
4282362979

**Protanopia**  
4289042267

**Deuteranopia**  
4290023785



# Trichromacy



**Original Color**

4282362979



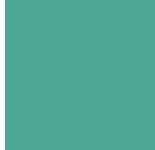
**Protanomaly**

4286619486



**Deuteranomaly**

4287208295



**Tritanomaly**

4283344532

# Monochromacy



**Original Color**

4282362979



**Achromatopsia**

4286808963



**Achromatomaly**

4285174391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282362979 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(63, 172, 99)` looks like.

```
.text, #text, p{  
    color:rgb(63, 172, 99)  
}
```

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(63, 172, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 172, 99) }
```

## Border

The CSS property to change the border of an element to Android 4282362979 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(63, 172, 99) }
```

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

```
.border{ border-color:rgb(63, 172, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 172, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 172, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 172, 99);  
box-shadow:4px 4px 4px 4px rgb(63, 172,  
99) }
```

# Background

The CSS property to change the background color of an element to Android 4282362979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 172, 99) }
```

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

```
.background{ background-color: rgb(63, 172,  
99) }
```

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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