

# Converting Colors

Android(4284132477)

Have a look what the booklet for  
Android(4284132477) contains.

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# **Color**

**Android(4284132477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AAC7D
RGB	90, 172, 125
RGB Percent	35%, 67%, 49%
CMY	0.6471, 0.3255, 0.5098
CMYK	0.48, 0.00, 0.27, 0.33
HSL	146°, 33%, 51%
HSV	146°, 48%, 67%
XYZ	22.6706, 33.1594, 24.6076
YIQ	142.1240, -33.7850, -32.0010

# Conversions

## Conversions Part 2

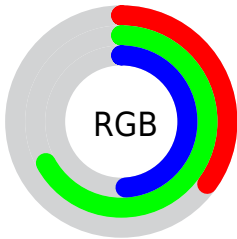
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 147, 172
Decimal	5942397
CIELab	64.29, -35.99, 16.61
CIElCh	64, 39.639, 155.232
Yxy	33.1594, 0.2818, 0.4122
Android (android.graphics.Color)	4284132477 (0xFF5AAC7D)
YUV	142.1240, -8.4421, -45.7127
Hunter-Lab	57.5842, -30.4976, 14.9724

# Details

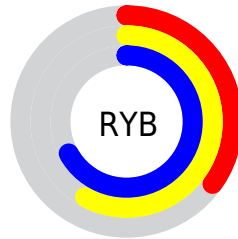
The Android color `4284132477` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289485449`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287685810`, and `4280383308` is the 20% darker color. If you saturate the color by 10%, you get `4283018355`, and if you desaturate by 10%, it is `4285246599`.

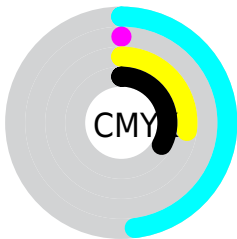
# Distribution



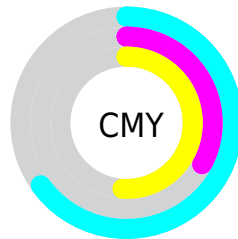
- Red (35%)
- Green (67%)
- Blue (49%)



- Red (35%)
- Yellow (58%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284132477 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 4284132477 by changing the saturation by 10% instead.





4284132477



4284132477

4294967295



4282356068



4287685810



4280383308



4289527757



4278214197



4291428330



4278207775



4293328895



4278201865



4278196224



4278190080



4284132477




4284132477



4283018355



4285246599

 4281904233

 4286360721

 4280724575

 4287540379

 4279610454

 4288654500

 4278496332

 4289768622

 4278234185

 4290882744

 4291996866

 4293176524

 4294290646

# Harmonies

## Analogous

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



4287080032



4284132477



4279414433

# Triad

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



4284132477



4285570530



4292707445

# Complementary

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



4284132477



4289485449

# 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.



4292837271



4284132477



4289237206

# Square

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



4284132477



4280068059



4291658938



4291465052

# Rectangle

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



4284132477



4278234809



4291658938



4292838016



# Sweetspot

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



4284132477



4290896078



4287278170



4284313701



4293980400



4285558896



# Same Dimension

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



4284132477



4284539031



4284132517



4283324242



4278228544



4278195978



# Inverse Universe

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



4289485449



4292894890



4289485409



4283911763



4288020566



4279697421



# Previews

## White Background



This preview shows how the Android color 4284132477 looks on a white background.

## Color Contrast Check

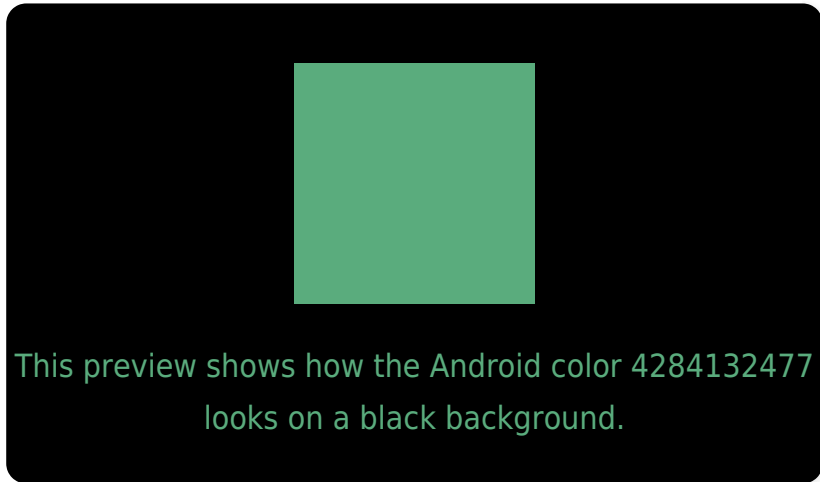
Large Text (above 18pt) WCAG AA × Fail

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

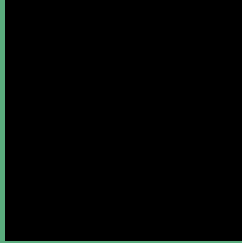
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284132477 Background



This preview shows how black text looks on a background with the Android color 4284132477.



This preview shows how white text looks on a background with the Android color 4284132477.

# 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**  
4284132477

**Protanopia**  
4289108853

**Deuteranopia**  
4289959298



# Trichromacy



**Original Color**

4284132477



**Protanomaly**

4287275384



**Deuteranomaly**

4287864192



**Tritanomaly**

4284655775

# Monochromacy



**Original Color**

4284132477



**Achromatopsia**

4287532686



**Achromatomaly**

4286290312

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284132477 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(90, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(90, 172, 125)  
}
```

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(90, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 172, 125) }
```

## Border

The CSS property to change the border of an element to Android 4284132477 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(90, 172, 125) }
```

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

```
.border{ border-color:rgb(90, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(90, 172,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4284132477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 172, 125) }
```

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

```
.background{ background-color: rgb(90, 172,  
125) }
```

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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