

# Converting Colors

Android(4284985973)

Have a look what the booklet for  
Android(4284985973) contains.

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# **Color**

**Android(4284985973)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67B275
RGB	103, 178, 117
RGB Percent	40%, 70%, 46%
CMY	0.5961, 0.3020, 0.5412
CMYK	0.42, 0.00, 0.34, 0.30
HSL	131°, 33%, 55%
HSV	131°, 42%, 70%
XYZ	24.7248, 36.0087, 22.4769
YIQ	148.6210, -25.1190, -34.8710

# Conversions

## Conversions Part 2

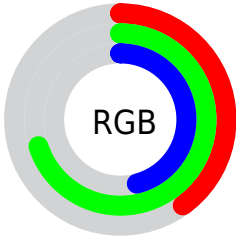
Format	Color
<a href="#">RYB</a>	<a href="#">103, 166, 178</a>
Decimal	<a href="#">6795893</a>
CIELab	<a href="#">66.53, -36.54, 24.09</a>
CIElCh	<a href="#">67, 43.763, 146.607</a>
Yxy	<a href="#">36.0087, 0.2971, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4284985973 (0xFF67B275)</a>
YUV	<a href="#">148.6210, -15.5892, -40.0096</a>
Hunter-Lab	<a href="#">60.0073, -31.4653, 19.7969</a>

# Details

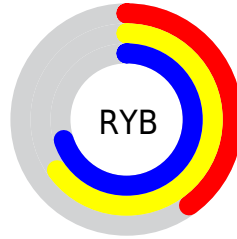
The Android color `4284985973` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4289882020`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288539306`, and `4281433412` is the 20% darker color. If you saturate the color by 10%, you get `4283806311`, and if you desaturate by 10%, it is `4286165635`.

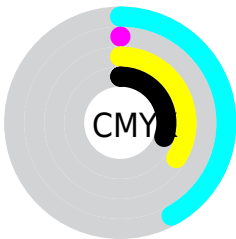
# Distribution



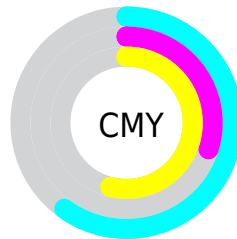
- Red (40%)
- Green (70%)
- Blue (46%)



- Red (40%)
- Yellow (65%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (34%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284985973 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 4284985973 by changing the saturation by 10% instead.





4284985973



4284985973

4294967295



4283209564



4288539306



4281433412



4290379717



4279395117



4292280289



4278209303



4294180862



4278203136



4278198016



4278190080



4284985973



4284985973




4283806311



4286165635

 4282626648

 4287345298

 4281512522

 4288459424


 4280332859

 4289639087

 4279153197

 4290818749

 4278235681

 4291998412

 4293178074

 4294292201

 4294947575

# Harmonies

## Analogous

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



4288129625



4284985973



4279940764

# Triad

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



4284985973



4283934704



4293690497

# Complementary

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



4284985973



4289882020

# 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.



4293427880



4284985973



4288584168

# Square

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



4284985973



4278235619



4291791822



4292644961

# Rectangle

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



4284985973



4278236855



4291791822



4293755533



# Sweetspot

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



4284985973



4291487952



4288983655



4284708198



4294309365



4285887861



# Same Dimension

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



4284985973



4285720712



4284986010



4283455826



4278229277



4278196741



# Inverse Universe

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



4289882020



4293423826



4289881983



4284043352



4288217212



4279894037



# Previews

## White Background



This preview shows how the Android color 4284985973 looks on a white background.

## Color Contrast Check

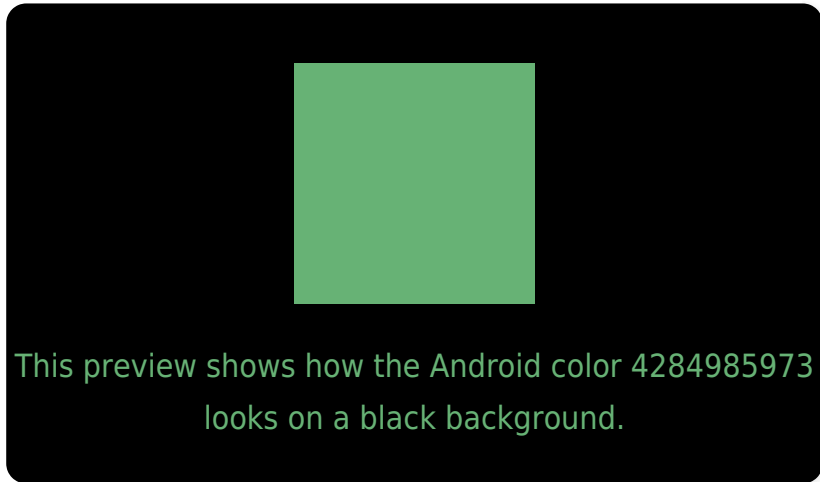
Large Text (above 18pt) WCAG AA × Fail

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

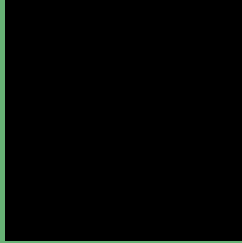
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284985973 Background



This preview shows how black text looks on a background with the Android color 4284985973.



This preview shows how white text looks on a background with the Android color 4284985973.

# 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**  
4284985973

**Protanopia**  
4289634670

**Deuteranopia**  
4290615930



# Trichromacy



**Original Color**  
4284985973



**Protanomaly**  
4287932273



**Deuteranomaly**  
4288586616



**Tritanomaly**  
4285574559

# Monochromacy



**Original Color**  
4284985973



**Achromatopsia**  
4287993237



**Achromatomaly**  
4286881929

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284985973 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(103, 178, 117)` looks like.

```
.text, #text, p{  
    color:rgb(103, 178, 117)  
}
```

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(103, 178, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 178, 117) }
```

## Border

The CSS property to change the border of an element to Android 4284985973 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(103, 178, 117) }
```

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

```
.border{ border-color:rgb(103, 178, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 178, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 178, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 178, 117);  
box-shadow:4px 4px 4px 4px rgb(103, 178,  
117) }
```

# Background

The CSS property to change the background color of an element to Android 4284985973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 178, 117) }
```

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

```
.background{ background-color: rgb(103,  
178, 117) }
```

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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