

# Converting Colors

Android(4279674730)

Have a look what the booklet for  
Android(4279674730) contains.

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# Color

**Android(4279674730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16A76A
RGB	22, 167, 106
RGB Percent	9%, 65%, 42%
CMY	0.9137, 0.3451, 0.5843
CMYK	0.87, 0.00, 0.37, 0.35
HSL	155°, 77%, 37%
HSV	155°, 87%, 65%
XYZ	16.7511, 28.8486, 18.3211
YIQ	116.6910, -66.8390, -49.7110

# Conversions

## Conversions Part 2

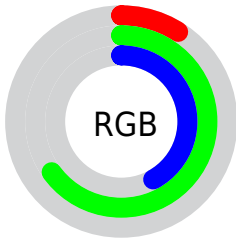
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 114, 167
Decimal	1484650
CIE Lab	60.65, -50.05, 21.74
CIE LCh	61, 54.564, 156.524
Yxy	28.8486, 0.2621, 0.4513
Android (android.graphics.Color)	4279674730 (0xFF16A76A)
YUV	116.6910, -5.2707, -83.0440
Hunter-Lab	53.7109, -38.3243, 17.3734

# Details

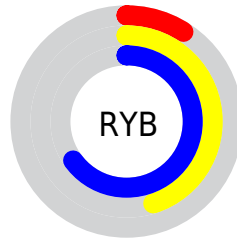
The Android color `4279674730` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289140307`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284538782`, and `4278219322` is the 20% darker color. If you saturate the color by 10%, you get `4278560611`, and if you desaturate by 10%, it is `4280788849`.

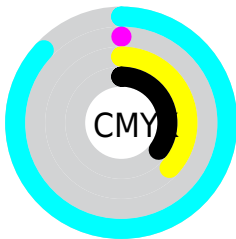
# Distribution



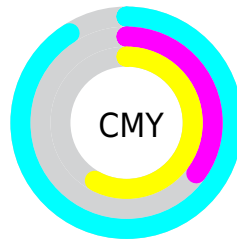
- Red (9%)
- Green (65%)
- Blue (42%)



- Red (9%)
- Yellow (45%)
- Blue (65%)



- Cyan (87%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279674730 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 4279674730 by changing the saturation by 10% instead.



 4279674730

 4279674730

4294967295

 4278226002

 4284538782

 4278219322

 4286512313

 4278212644

 4288479189

 4278206222

 4290379761

 4278200832

 4292345855

 4278191104

 4294311935

 4278190080

 4279674730

 4279674730

 4278560611

 4280788849

■ 4278232929

■ 4281837432

■ 4282951551

■ 4284065670

■ 4285179789

■ 4286228372

■ 4287342491

■ 4288456610

■ 4289505193

# Harmonies

## Analogous

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



4285571136



4279674730



4278233756

# Triad

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



4279674730



4282619122



4293226588

# Complementary

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



4279674730



4289140307

# 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.



4293551754



4279674730



4288840160

# Square

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



4279674730



4278231530



4292177594



4291527224

# Rectangle

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



4279674730



4278233532



4292177594



4293487466



# Sweetspot

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



4279674730



4288731585



4283803414



4283199071



4293783021



4285427310



# Same Dimension

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



4279674730



4278245758



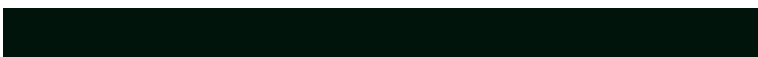
4279672231



4283192401



4278228054



4278195212



# Inverse Universe

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



4289140307



4292411483



4289142806



4283714639



4287889470



4279500809



# Previews

## White Background



This preview shows how the Android color 4279674730 looks on a white background.

## Color Contrast Check

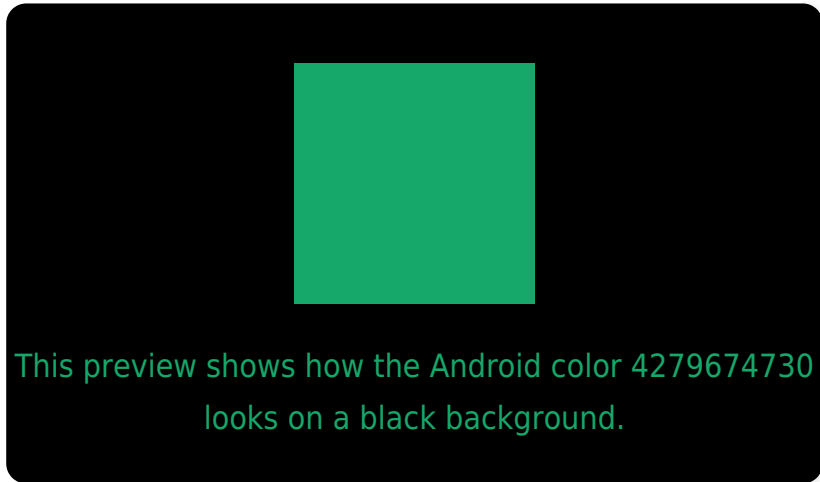
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279674730 Background



This preview shows how black text looks on a background with the Android color 4279674730.



This preview shows how white text looks on a background with the Android color 4279674730.

# 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**

4279674730



**Protanomaly**

4285307236



**Deuteranomaly**

4285830510



**Tritanomaly**

4281311892

# Monochromacy



**Original Color**

4279674730



**Achromatopsia**

4285887861



**Achromatomaly**

4283598705

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279674730 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(22, 167, 106)` looks like.

```
.text, #text, p{  
    color:rgb(22, 167, 106)  
}
```

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(22, 167, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 167, 106) }
```

## Border

The CSS property to change the border of an element to Android 4279674730 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(22, 167, 106) }
```

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

```
.border{ border-color:rgb(22, 167, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 167, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 167, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 167, 106);  
box-shadow:4px 4px 4px 4px rgb(22, 167,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4279674730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 167, 106) }
```

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

```
.background{ background-color: rgb(22, 167,  
106) }
```

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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