

# Converting Colors

Android(4281770107)

Have a look what the booklet for  
Android(4281770107) contains.

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# Color

**Android(4281770107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36A07B
RGB	54, 160, 123
RGB Percent	21%, 63%, 48%
CMY	0.7882, 0.3725, 0.5176
CMYK	0.66, 0.00, 0.23, 0.37
HSL	159°, 50%, 42%
HSV	159°, 66%, 63%
XYZ	17.6673, 27.3559, 23.0880
YIQ	124.0880, -51.2990, -33.9790

# Conversions

## Conversions Part 2

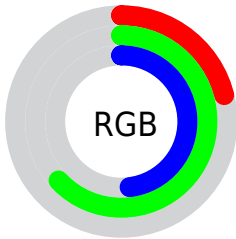
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 118, 160
Decimal	3580027
CIELab	59.30, -39.23, 10.57
CIELCh	59, 40.626, 164.921
Yxy	27.3559, 0.2594, 0.4016
Android (android.graphics.Color)	4281770107 (0xFF36A07B)
YUV	124.0880, -0.5364, -61.4672
Hunter-Lab	52.3029, -31.2350, 10.4398

# Details

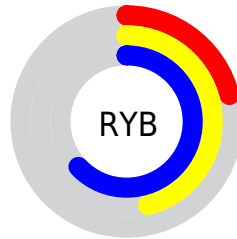
The Android color `4281770107` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288689755`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285650864`, and `4278217802` is the 20% darker color. If you saturate the color by 10%, you get `4280721525`, and if you desaturate by 10%, it is `4282818689`.

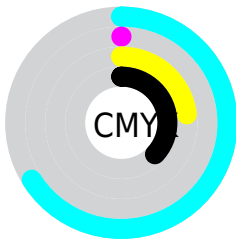
# Distribution



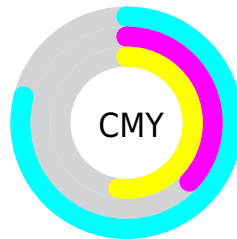
- Red (21%)
- Green (63%)
- Blue (48%)



- Red (21%)
- Yellow (46%)
- Blue (63%)



- Cyan (66%)
- Magenta (0%)
- Yellow (23%)
- Black (37%)



- Cyan (79%)
- Magenta (37%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281770107 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 4281770107 by changing the saturation by 10% instead.





4281770107



4281770107

4294967295



4279076194



4285650864



4278217802



4287493323



4278211380



4289396711



4278204958



4291297279



4278199814



4293197823



4278190080



4281770107



4281770107



4280721525



4282818689



4279672944



4283867270

■ 4278624362

■ 4284915852

■ 4278231144

■ 4285964433

■ 4287013015

■ 4288061597

■ 4289110178

■ 4290158760

■ 4291207341

# Harmonies

## Analogous

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



4285242203



4281770107



4278231456

# Triad

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



4281770107



4285893844



4291525214

# Complementary

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



4281770107



4288689755

# 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.



4292047486



4281770107



4289298370

# Square

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



4281770107



4280326355



4291327138



4290020937

# Rectangle

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



4281770107



4278231223



4291327138



4291786344



# Sweetspot

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



4281770107



4289188291



4284194870



4283394400



4293454056



4285098345



# Same Dimension

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



4281770107



4280996247



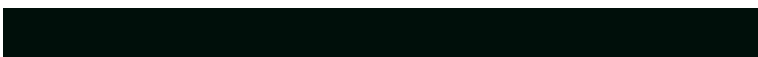
4281766048



4282863436



4278226781



4278193930



# Inverse Universe

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



4288689755



4291897956



4288693814



4283385674



4287561778



4279173125



# Previews

## White Background



This preview shows how the Android color 4281770107 looks on a white background.

## Color Contrast Check

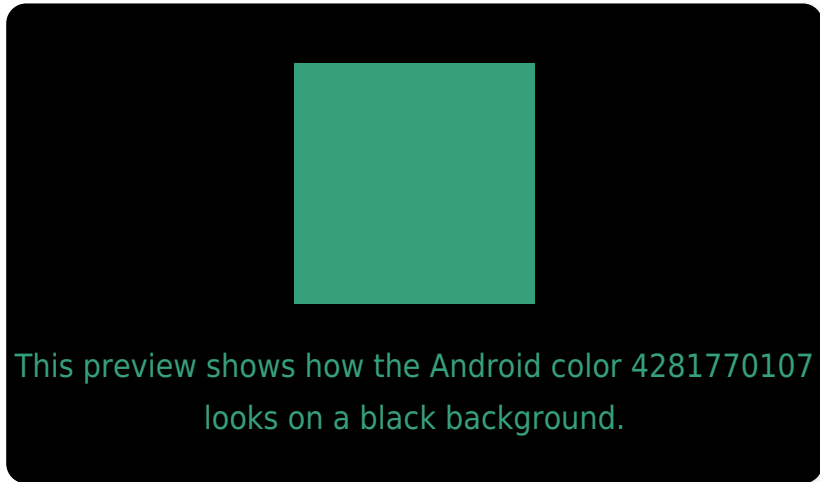
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281770107 Background



This preview shows how black text looks on a background with the Android color 4281770107.



This preview shows how white text looks on a background with the Android color 4281770107.

# 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**

4281770107



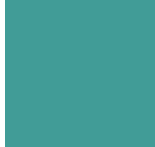
**Protanomaly**

4285764981



**Deuteranomaly**

4286157182



**Tritanomaly**

4282490007

# Monochromacy



**Original Color**

4281770107



**Achromatopsia**

4286348412



**Achromatomaly**

4284713340

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281770107 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(54, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(54, 160, 123)  
}
```

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(54, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 160, 123) }
```

## Border

The CSS property to change the border of an element to Android 4281770107 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(54, 160, 123) }
```

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

```
.border{ border-color:rgb(54, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(54, 160,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4281770107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 160, 123) }
```

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

```
.background{ background-color: rgb(54, 160,  
123) }
```

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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