

# Converting Colors

Android(4281773942)

Have a look what the booklet for  
Android(4281773942) contains.

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# **Color**

**Android(4281773942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36AF76
RGB	54, 175, 118
RGB Percent	21%, 69%, 46%
CMY	0.7882, 0.3137, 0.5373
CMYK	0.69, 0.00, 0.33, 0.31
HSL	152°, 53%, 45%
HSV	152°, 69%, 69%
XYZ	20.1213, 32.7522, 22.4008
YIQ	132.3230, -53.8190, -43.3790

# Conversions

## Conversions Part 2

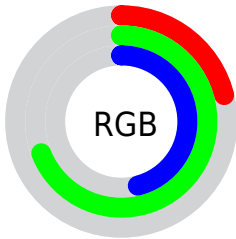
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 133, 175
Decimal	3583862
CIELab	63.96, -46.66, 19.79
CIELCh	64, 50.684, 157.012
Yxy	32.7522, 0.2673, 0.4351
Android (android.graphics.Color)	4281773942 (0xFF36AF76)
YUV	132.3230, -7.0612, -68.6893
Hunter-Lab	57.2296, -37.3930, 16.8533

# Details

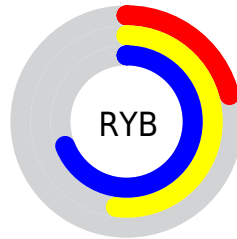
The Android color `4281773942` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289672815`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285786026`, and `4278221125` is the 20% darker color. If you saturate the color by 10%, you get `4280659822`, and if you desaturate by 10%, it is `4282953598`.

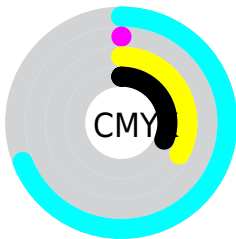
# Distribution



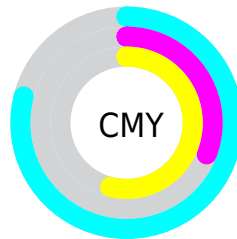
- Red (21%)
- Green (69%)
- Blue (46%)



- Red (21%)
- Yellow (52%)
- Blue (69%)



- Cyan (69%)
- Magenta (0%)
- Yellow (33%)
- Black (31%)



- Cyan (79%)
- Magenta (31%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281773942 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 4281773942 by changing the saturation by 10% instead.





4281773942



4281773942

4294967295



4278490205



4285786026



4278221125



4287692742



4278214702



4289658850



4278208281



4291559423



4278202368



4293525503



4278195712



4278190080



4281773942



4281773942



4280659822



4282953598

■ 4279480166

■ 4284067718

■ 4278300509

■ 4285181839

■ 4278234973

■ 4286361495

■ 4287541151

■ 4288655271

■ 4289834928

■ 4290949048

■ 4292128704

# Harmonies

## Analogous

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



4286294096



4281773942



4278235813

# Triad

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



4281773942



4284325109



4293557351

# Complementary

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



4281773942



4289672815

# 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.



4293883026



4281773942



4289498083

# Square

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



4281773942



4278233582



4292573887



4291923015

# Rectangle

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



4281773942



4278235587



4292573887



4293818484



# Sweetspot

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



4281773942



4289979340



4285574966



4283855717



4294111986



4285756275



# Same Dimension

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



4281773942



4280804234



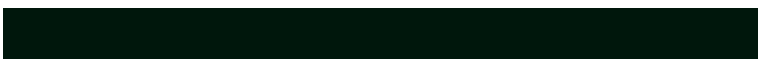
4281773487



4283324243



4278228560



4278195980



# Inverse Universe

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



4289672815



4293076863



4289673270



4283911762



4288020551



4279697419



# Previews

## White Background



This preview shows how the Android color 4281773942 looks on a white background.

## Color Contrast Check

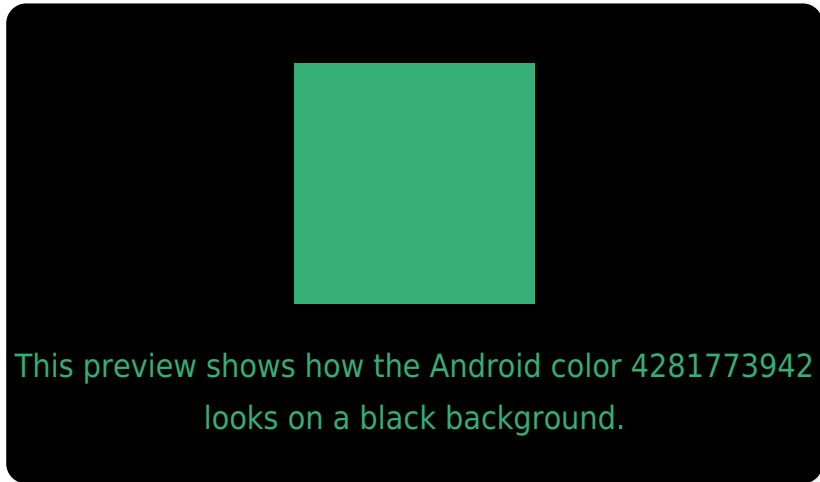
Large Text (above 18pt) WCAG AA × Fail

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 4281773942 Background



This preview shows how black text looks on a background with the Android color 4281773942.



This preview shows how white text looks on a background with the Android color 4281773942.

# 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**

4281773942



**Protanomaly**

4286423664



**Deuteranomaly**

4287012474



**Tritanomaly**

4282755742

# Monochromacy



**Original Color**

4281773942



**Achromatopsia**

4286874756



**Achromatomaly**

4285043839

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281773942 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, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(54, 175, 118)  
}
```

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, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 175, 118) }
```

## Border

The CSS property to change the border of an element to Android 4281773942 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, 175, 118) }
```

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

```
.border{ border-color:rgb(54, 175, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(54, 175,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4281773942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 175, 118) }
```

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

```
.background{ background-color: rgb(54, 175,  
118) }
```

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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