

# Converting Colors

Android(4280973123)

Have a look what the booklet for  
Android(4280973123) contains.

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# Color

**Android(4280973123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A7743
RGB	42, 119, 67
RGB Percent	16%, 47%, 26%
CMY	0.8353, 0.5333, 0.7373
CMYK	0.65, 0.00, 0.44, 0.53
HSL	139°, 48%, 32%
HSV	139°, 65%, 47%
XYZ	8.5648, 14.0911, 7.5786
YIQ	90.0490, -29.2000, -32.4960

# Conversions

## Conversions Part 2

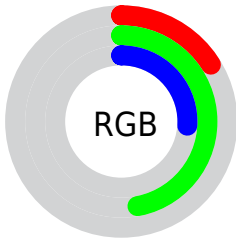
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 100, 119
Decimal	2783043
CIELab	44.36, -36.02, 21.80
CIELCh	44, 42.110, 148.814
Yxy	14.0911, 0.2833, 0.4661
Android (android.graphics.Color)	4280973123 (0xFF2A7743)
YUV	90.0490, -11.3632, -42.1390
Hunter-Lab	37.5382, -24.9648, 14.3066

# Details

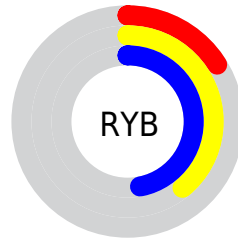
The Android color `4280973123` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285999710`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284525684`, and `4278207766` is the 20% darker color. If you saturate the color by 10%, you get `4280186683`, and if you desaturate by 10%, it is `4281759563`.

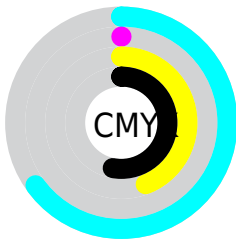
# Distribution



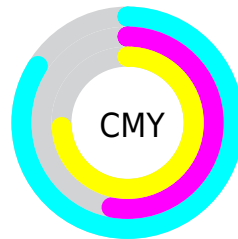
- Red (16%)
- Green (47%)
- Blue (26%)



- Red (16%)
- Yellow (39%)
- Blue (47%)



- Cyan (65%)
- Magenta (0%)
- Yellow (44%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280973123 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 4280973123 by changing the saturation by 10% instead.





4280973123



4280973123

4294967295



4278607404



4284525684



4278207766



4286302349



4278201856



4288079016



4278196224



4289920963



4278190080



4291821535



4293656572



4280973123



4280973123



4280186683



4281759563

■ 4279400243

■ 4282546003

■ 4278613803

■ 4283332443

■ 4278220583

■ 4284118883

■ 4284905323

■ 4285626227

■ 4286412667

■ 4287199107

■ 4287985547

# Harmonies

## Analogous

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



4284117287



4280973123



4278221414

# Triad

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



4280973123



4278480303



4289219913

# Complementary

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



4280973123



4285999710

# 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.



4289153388



4280973123



4284965030

# Square

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



4280973123



4278220452



4287779470



4288174381

# Rectangle

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



4280973123



4278221438



4287779470



4289284948



# Sweetspot

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



4280973123



4286487688



4284446506



4282208067



4291809231



4283387727



# Same Dimension

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



4280973123



4280458314



4280973161



4281678647



4278221352



4278254161



# Inverse Universe

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



4285999710



4288422516



4285999672



4282070329



4286185555

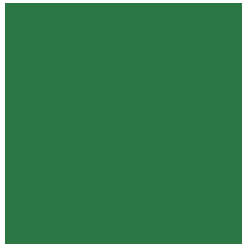


4294574249



# Previews

## White Background



This preview shows how the Android color 4280973123 looks on a white background.

## Color Contrast Check

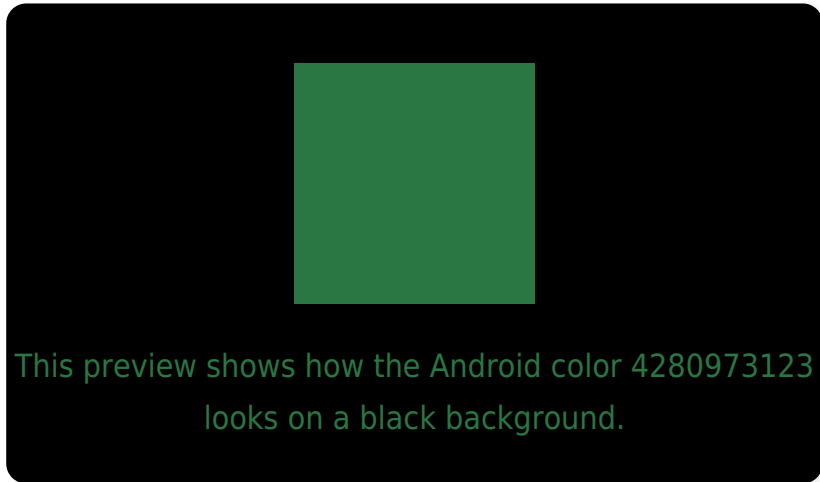
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4280973123 Background



This preview shows how black text looks on a background with the Android color 4280973123.



This preview shows how white text looks on a background with the Android color 4280973123.

# 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**

4280973123

**Protanopia**

4285687869

**Deuteranopia**

4286407752



# Trichromacy



**Original Color**  
4280973123

**Protanomaly**  
4283985215

**Deuteranomaly**  
4284443462

**Tritanomaly**  
4281693030

# Monochromacy



**Original Color**  
4280973123

**Achromatopsia**  
4284111450

**Achromatomaly**  
4283000146

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280973123 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(42, 119, 67)` looks like.

```
.text, #text, p{  
    color:rgb(42, 119, 67)  
}
```

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(42, 119, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 119, 67) }
```

## Border

The CSS property to change the border of an element to Android 4280973123 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(42, 119, 67) }
```

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

```
.border{ border-color:rgb(42, 119, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 119, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 119, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 119, 67);  
box-shadow:4px 4px 4px 4px rgb(42, 119,  
67) }
```

# Background

The CSS property to change the background color of an element to Android 4280973123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 119, 67) }
```

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

```
.background{ background-color: rgb(42, 119,  
67) }
```

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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