

# Converting Colors

Android(4281241003)

Have a look what the booklet for  
Android(4281241003) contains.

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# Color

**Android(4281241003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E8DAB
RGB	46, 141, 171
RGB Percent	18%, 55%, 67%
CMY	0.8196, 0.4471, 0.3294
CMYK	0.73, 0.18, 0.00, 0.33
HSL	194°, 58%, 43%
HSV	194°, 73%, 67%
XYZ	18.0023, 22.5709, 41.9359
YIQ	116.0150, -66.2500, -10.8100

# Conversions

## Conversions Part 2

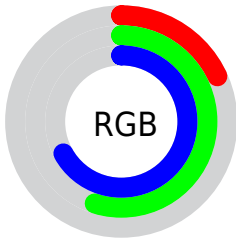
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 100, 171
Decimal	3050923
CIE <sub>Lab</sub>	54.63, -17.29, -23.74
CIE <sub>LCh</sub>	55, 29.368, 233.945
Yxy	22.5709, 0.2182, 0.2736
Android (android.graphics.Color)	4281241003 (0xFF2E8DAB)
YUV	116.0150, 27.1076, -61.4032
Hunter-Lab	47.5088, -15.5023, -19.0789

# Details

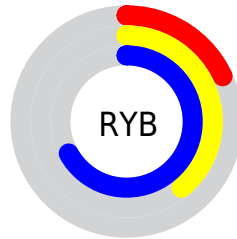
The Android color `4281241003` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289416238`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285383650`, and `4278213495` is the 20% darker color. If you saturate the color by 10%, you get `4280125867`, and if you desaturate by 10%, it is `4282356139`.

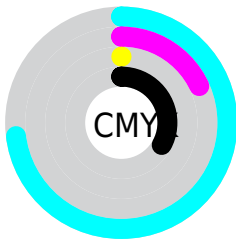
# Distribution



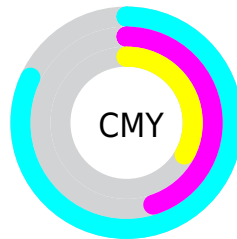
- Red (18%)
- Green (55%)
- Blue (67%)



- Red (18%)
- Yellow (39%)
- Blue (67%)



- Cyan (73%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)




- Cyan (82%)
- Magenta (45%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281241003 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 4281241003 by changing the saturation by 10% instead.



 4281241003

 4281241003

4294967295

 4278219664

 4285383650

 4278213495

 4287291391

 4278207326

 4289199103

 4278201670


 4291166207

 4278196784

 4293066751

 4278190363

 4278190080

 4281241003

 4281241003

 4280125867

 4282356139

■ 4279010731

■ 4283471275

■ 4278223531

■ 4284586411

■ 4285701547

■ 4286882475

■ 4287997611

■ 4289112747

■ 4290227883

■ 4291343019

# Harmonies

## Analogous

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



4280586390



4281241003



4283860917

# Triad

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



4281241003



4289753225



4286547796

# Complementary

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



4281241003



4289416238

# 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.



4288184144



4281241003



4290015343

# Square

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



4281241003



4288574881



4289427291



4284583268

# Rectangle

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



4281241003



4285694388



4289427291



4287137105



# Sweetspot

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



4281241003



4289581790



4281248587



4283656560



4293980400



4285558896



# Same Dimension

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



4281241003



4280004574



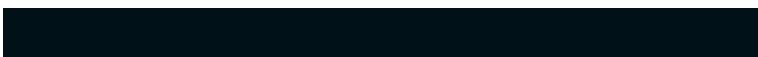
4281225131



4283323735



4278219414



4278194455



# Inverse Universe

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



4289408653



4292746159



4289432110



4283911765



4288020594



4279697425



# Previews

## White Background



This preview shows how the Android color 4281241003 looks on a white background.

## Color Contrast Check

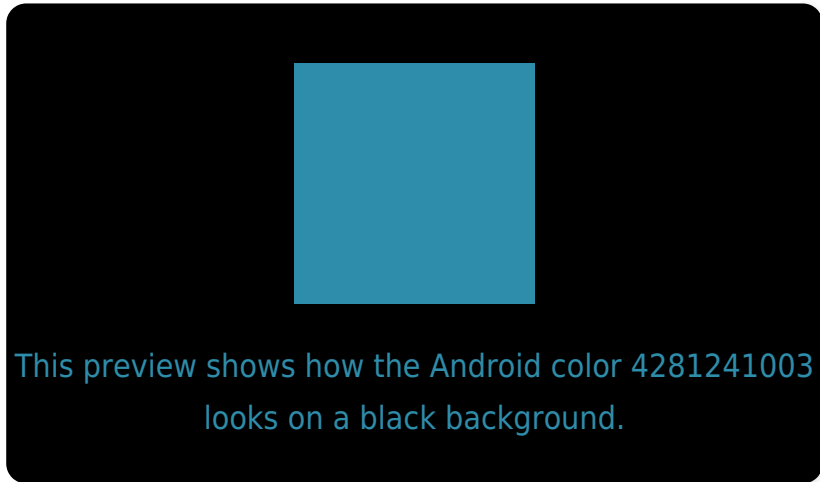
Large Text (above 18pt) WCAG AA ✓ Pass

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

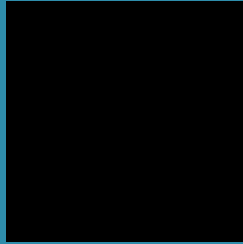
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281241003 Background



This preview shows how black text looks on a background with the Android color 4281241003.



This preview shows how white text looks on a background with the Android color 4281241003.

# 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**  
4281241003

**Protanomaly**  
4284384677

**Deuteranomaly**  
4284253613

**Tritanomaly**  
4280717217

# Monochromacy



**Original Color**  
4281241003

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284185992

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281241003 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(46, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(46, 141, 171)  
}
```

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(46, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 141, 171) }
```

## Border

The CSS property to change the border of an element to Android 4281241003 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(46, 141, 171) }
```

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

```
.border{ border-color:rgb(46, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(46, 141,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4281241003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 141, 171) }
```

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

```
.background{ background-color: rgb(46, 141,  
171) }
```

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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