

# Converting Colors

Android(4281041513)

Have a look what the booklet for  
Android(4281041513) contains.

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# Color

**Android(4281041513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8269
RGB	43, 130, 105
RGB Percent	17%, 51%, 41%
CMY	0.8314, 0.4902, 0.5882
CMYK	0.67, 0.00, 0.19, 0.49
HSL	163°, 50%, 34%
HSV	163°, 67%, 51%
XYZ	11.5287, 17.4988, 16.1346
YIQ	101.1370, -43.8270, -26.2190

# Conversions

## Conversions Part 2

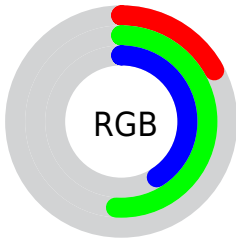
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 94, 130
Decimal	2851433
CIELab	48.88, -32.16, 6.03
CIELCh	49, 32.721, 169.378
Yxy	17.4988, 0.2553, 0.3875
Android (android.graphics.Color)	4281041513 (0xFF2B8269)
YUV	101.1370, 1.9045, -50.9861
Hunter-Lab	41.8315, -24.0109, 6.4137

# Details

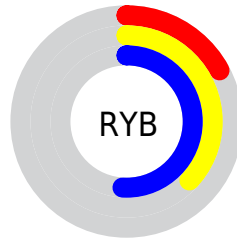
The Android color `4281041513` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286720836`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284725404`, and `4278210618` is the 20% darker color. If you saturate the color by 10%, you get `4280189541`, and if you desaturate by 10%, it is `4281893485`.

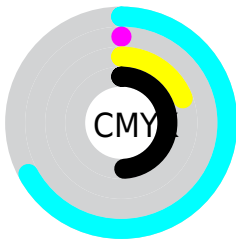
# Distribution



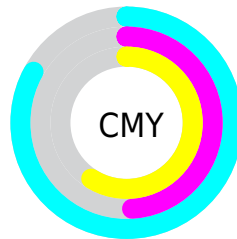
- Red (17%)
- Green (51%)
- Blue (41%)



- Red (17%)
- Yellow (37%)
- Blue (51%)



- Cyan (67%)
- Magenta (0%)
- Yellow (19%)
- Black (49%)



- Cyan (83%)
- Magenta (49%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281041513 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 4281041513 by changing the saturation by 10% instead.



 4281041513

 4281041513

4294967295

 4278282321

 4284725404

 4278210618

 4286567351

 4278204452

 4288409811


 4278199311

 4290248687

 4278190080

 4292083711

 4294049791

 4281041513

 4281041513

 4280189541

 4281893485

■ 4279337570

■ 4282745456

■ 4278485598

■ 4283597428

■ 4278223453

■ 4284449400

■ 4285301372

■ 4286153343

■ 4287005315

■ 4287857287

■ 4288709259

# Harmonies

## Analogous

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



4283727695



4281041513



4278223750

# Triad

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



4281041513



4285034920



4288767307

# Complementary

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



4281041513



4286720836

# 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.



4289290083



4281041513



4287456920

# Square

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



4281041513



4281563818



4288896895



4287524669

# Rectangle

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



4281041513



4278223254



4288896895



4289028946



# Sweetspot

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



4281041513



4287080607



4282745387



4282405966



4292138196



4283716692



# Same Dimension

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



4281041513



4280461442



4281037186



4281942078



4278222939



4278190080



# Inverse Universe

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



4286720836



4289208904



4286725163



4282399035



4286578725



4278190080



# Previews

## White Background



This preview shows how the Android color 4281041513 looks on a white background.

## Color Contrast Check

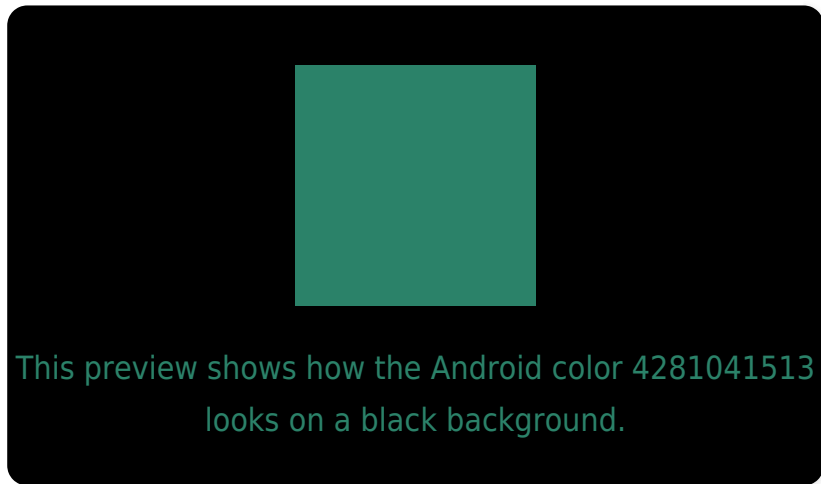
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4281041513 Background



This preview shows how black text looks on a background with the Android color 4281041513.



This preview shows how white text looks on a background with the Android color 4281041513.

# 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**  
4281041513

**Protanopia**  
4286215009

**Deuteranopia**  
4286672749



# Trichromacy



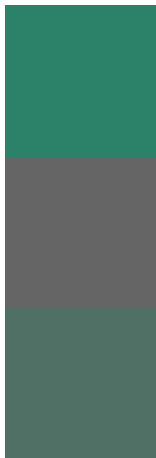
**Original Color**  
4281041513

**Protanomaly**  
4284315748

**Deuteranomaly**  
4284642924

**Tritanomaly**  
4281565053

# Monochromacy



**Original Color**  
4281041513

**Achromatopsia**  
4284835173

**Achromatomaly**  
4283461734

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281041513 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(43, 130, 105)` looks like.

```
.text, #text, p{  
    color:rgb(43, 130, 105)  
}
```

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(43, 130, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 130, 105) }
```

## Border

The CSS property to change the border of an element to Android 4281041513 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(43, 130, 105) }
```

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

```
.border{ border-color:rgb(43, 130, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 130, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 130, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 130, 105);  
box-shadow:4px 4px 4px 4px rgb(43, 130,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4281041513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 130, 105) }
```

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

```
.background{ background-color: rgb(43, 130,  
105) }
```

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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