

# Converting Colors

Android(4281962853)

Have a look what the booklet for  
Android(4281962853) contains.

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# Color

**Android(4281962853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	399165
RGB	57, 145, 101
RGB Percent	22%, 57%, 40%
CMY	0.7765, 0.4314, 0.6039
CMYK	0.61, 0.00, 0.30, 0.43
HSL	150°, 44%, 40%
HSV	150°, 61%, 57%
XYZ	14.1617, 22.0602, 15.8236
YIQ	113.6720, -38.3240, -32.3400

# Conversions

## Conversions Part 2

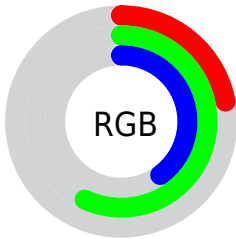
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 116, 145
Decimal	3772773
CIELab	54.09, -37.04, 15.70
CIELCh	54, 40.233, 157.038
Yxy	22.0602, 0.2721, 0.4239
Android (android.graphics.Color)	4281962853 (0xFF399165)
YUV	113.6720, -6.2473, -49.7013
Hunter-Lab	46.9683, -28.3740, 12.9031

# Details

The Android color `4281962853` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287707493`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4285581464`, and `4278214198` is the 20% darker color. If you saturate the color by 10%, you get `4281045342`, and if you desaturate by 10%, it is `4282945900`.

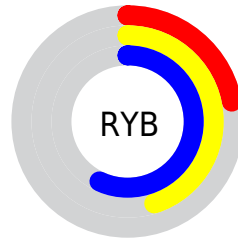
# Distribution



Red (22%)

Green (57%)

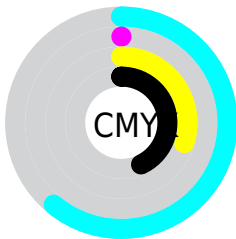
Blue (40%)



Red (22%)

Yellow (45%)

Blue (57%)

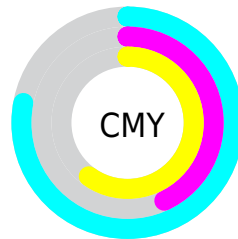


Cyan (61%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (78%)

Magenta (43%)


Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281962853 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 4281962853 by changing the saturation by 10% instead.



 4281962853

 4281962853

4294967295

 4279859021

 4285581464

 4278214198

 4287423667

 4278207776

 4289265614


 4278201866

 4291100651

 4278195968

 4293001215

 4278190080

 4281962853

 4281962853

 4281045342

 4282945900

 4280062294

 4283863412

■ 4279079247

■ 4284780923

■ 4278227273

■ 4285763970

■ 4286747017

■ 4287664529

■ 4288647576

■ 4289565087

■ 4290482598

# Harmonies

## Analogous

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



4285107016



4281962853



4278227849

# Triad

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



4281962853



4283859654



4290734681

# Complementary

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



4281962853



4287707493

# 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.



4290929786



4281962853



4287591865

# Square

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



4281962853



4278226113



4289948061



4289492545

# Rectangle

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



4281962853



4278227872



4289948061



4290930532



# Sweetspot

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



4281962853



4288396716



4284846393



4283063892



4292796126



4284374622



# Same Dimension

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



4281962853



4281580920



4281962897



4282402628



4278224708



4278192132



# Inverse Universe

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



4287707493



4290589560



4287707449



4282859588



4287037508



4278714372



# Previews

## White Background



This preview shows how the Android color 4281962853 looks on a white background.

## Color Contrast Check

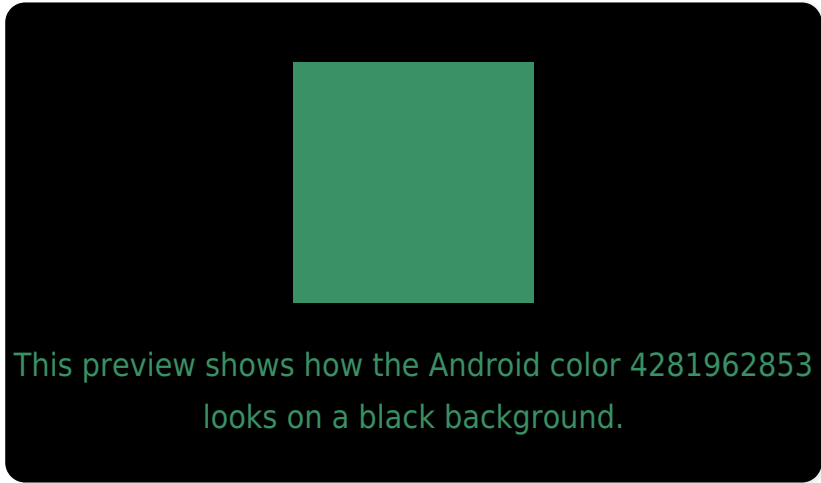
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281962853 Background



This preview shows how black text looks on a background with the Android color 4281962853.



This preview shows how white text looks on a background with the Android color 4281962853.

# 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**

4281962853



**Protanomaly**

4285367905



**Deuteranomaly**

4285826152



**Tritanomaly**

4282617220

# Monochromacy



**Original Color**

4281962853



**Achromatopsia**

4285690482



**Achromatomaly**

4284317037

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281962853 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(57, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(57, 145, 101)  
}
```

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(57, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 145, 101) }
```

## Border

The CSS property to change the border of an element to Android 4281962853 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(57, 145, 101) }
```

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

```
.border{ border-color:rgb(57, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(57, 145,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4281962853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 145, 101) }
```

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

```
.background{ background-color: rgb(57, 145,  
101) }
```

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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