

# Converting Colors

Android(4280365861)

Have a look what the booklet for  
Android(4280365861) contains.

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# Color

**Android(4280365861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	213325
RGB	33, 51, 37
RGB Percent	13%, 20%, 15%
CMY	0.8706, 0.8000, 0.8549
CMYK	0.35, 0.00, 0.27, 0.80
HSL	133°, 21%, 16%
HSV	133°, 35%, 20%
XYZ	2.1450, 2.8246, 2.1824
YIQ	44.0220, -6.2340, -8.1700

# Conversions

## Conversions Part 2

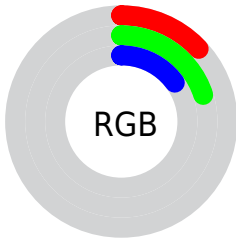
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 48, 51
Decimal	2175781
CIE <sub>Lab</sub>	19.33, -10.98, 6.58
CIE <sub>LCh</sub>	19, 12.798, 149.054
Yxy	2.8246, 0.2999, 0.3949
Android (android.graphics.Color)	4280365861 (0xFF213325)
YUV	44.0220, -3.4618, -9.6663
Hunter-Lab	16.8064, -6.6298, 4.0654

# Details

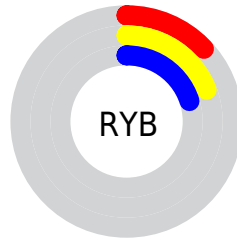
The Android color **4280365861** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281540911**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4283326802**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280038177**, and if you desaturate by 10%, it is **4280693545**.

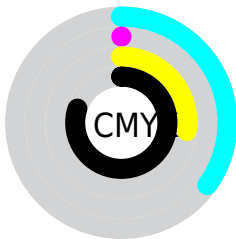
# Distribution



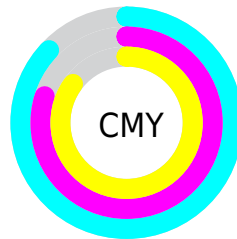
- Red (13%)
- Green (20%)
- Blue (15%)



- Red (13%)
- Yellow (19%)
- Blue (20%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280365861 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 4280365861 by changing the saturation by 10% instead.





4280365861



4280365861

4294967295



4278984208



4283326802



4278190080



4284906090



4286551171



4288262045



4290038456



4291880660



4293722096



4280365861



4280365861

■ 4280038177

■ 4280693545

■ 4279710493

■ 4281021229

■ 4279382809

■ 4281348913

■ 4279055125

■ 4281676597

■ 4278727441

■ 4282069817

■ 4278334221

■ 4282397501

■ 4278203147

■ 4282725185

■ 4283052869

■ 4283380553

# Harmonies

## Analogous

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



4281086238



4280365861



4279645230

# Triad

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



4280365861



4280430657



4282460454

# Complementary

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



4280365861



4281540911

# 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.



4282394672



4280365861



4281347391

# Square

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



4280365861



4279579199



4282001977



4282198815

# Rectangle

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



4280365861



4279317557



4282001977



4282460201



# Sweetspot

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



4280365861



4282073661



4281283361



4280099102



4288782753



4280361249



# Same Dimension

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



4280365861



4280697389



4280365870



4279704088



4278212884



4278245680



# Inverse Universe

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



4281540911



4282525244



4281540902



4279899929



4284022853

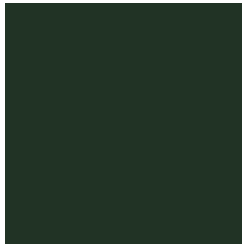


4292411561



# Previews

## White Background



This preview shows how the Android color 4280365861 looks on a white background.

## Color Contrast Check

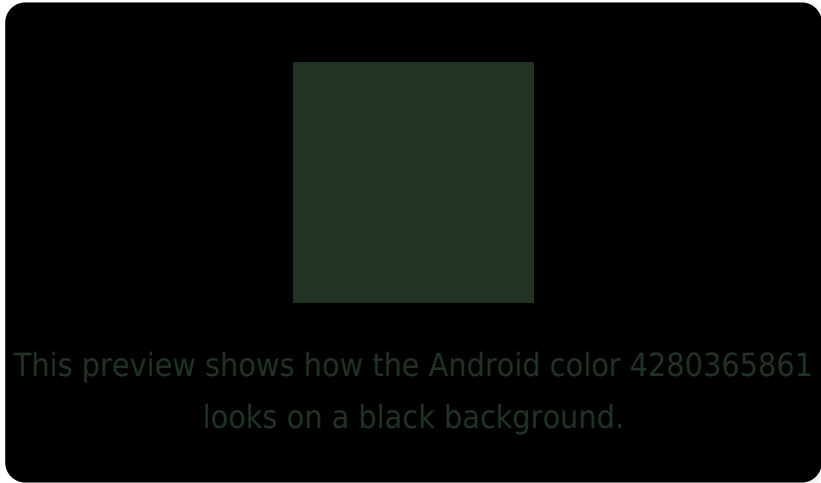
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Android 4280365861 Background



This preview shows how black text looks on a background with the Android color 4280365861.



This preview shows how white text looks on a background with the Android color 4280365861.

# 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](#).

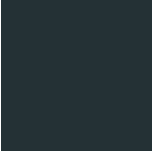
## Dichromacy



**Original Color**  
4280365861

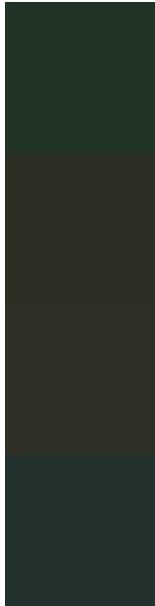
**Protanopia**  
4281478947

**Deuteranopia**  
4281740582



**Tritanopia**  
4280561973

# Trichromacy



**Original Color**

4280365861

**Protanomaly**

4281085988

**Deuteranomaly**

4281216806

**Tritanomaly**

4280496687

# Monochromacy



**Original Color**

4280365861

**Achromatopsia**

4281084972

**Achromatomaly**

4280823593

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280365861 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(33, 51, 37)` looks like.

```
.text, #text, p{  
    color:rgb(33, 51, 37)  
}
```

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(33, 51, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 51, 37) }
```

## Border

The CSS property to change the border of an element to Android 4280365861 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(33, 51, 37) }
```

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

```
.border{ border-color:rgb(33, 51, 37) }
```

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

Here you see how a box with a 4 pixel rgb(33, 51, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 51, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 51, 37);  
box-shadow:4px 4px 4px 4px rgb(33, 51, 37)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280365861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 51, 37) }
```

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

```
.background{ background-color: rgb(33, 51,  
37) }
```

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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