

# Converting Colors

Android(4281680651)

Have a look what the booklet for  
Android(4281680651) contains.

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# Color

**Android(4281680651)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	35430B
RGB	53, 67, 11
RGB Percent	21%, 26%, 4%
CMY	0.7922, 0.7373, 0.9569
CMYK	0.21, 0.00, 0.84, 0.74
HSL	75°, 72%, 15%
HSV	75°, 84%, 26%
XYZ	3.5358, 4.7954, 1.0559
YIQ	56.4300, 9.6320, -20.3840

# Conversions

## Conversions Part 2

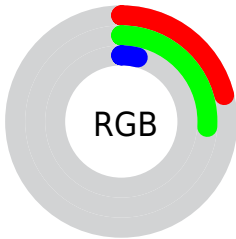
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 67, 25
Decimal	3490571
CIE Lab	26.14, -14.74, 30.01
CIE LCh	26, 33.438, 116.161
Yxy	4.7954, 0.3767, 0.5109
Android (android.graphics.Color)	4281680651 (0xFF35430B)
YUV	56.4300, -22.3970, -3.0081
Hunter-Lab	21.8983, -9.5009, 12.4701

# Details

The Android color **4281680651** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279831363**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4284904249**, and **4278196480** is the 20% darker color. If you saturate the color by 10%, you get **4281549572**, and if you desaturate by 10%, it is **4281811730**.

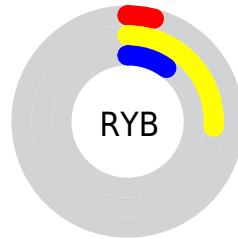
# Distribution



Red (21%)

Green (26%)

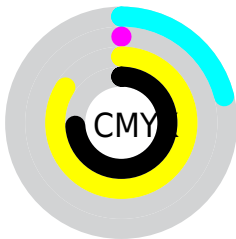
Blue (4%)



Red (4%)

Yellow (26%)

Blue (10%)

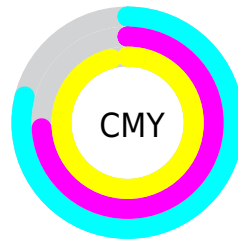


Cyan (21%)

Magenta (0%)

Yellow (84%)

Black (74%)



Cyan (79%)

Magenta (74%)


Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281680651 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 4281680651 by changing the saturation by 10% instead.



 4281680651

 4281680651

 4294967282

 4280233216

 4284904249

 4278196480

 4286549329

 4278190080


 4288325482

 4290101892

 4291944094

 4293852089

 4294967253

 4281680651

 4281680651

■ 4281549572

■ 4281811730

■ 4281484032

■ 4281877272

■ 4282008351

■ 4282139430

■ 4282204973

■ 4282336051

■ 4282467130

■ 4282532673

■ 4282663751

# Harmonies

## Analogous

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



4283317253



4281680651



4279257120

# Triad

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



4281680651



4278208360



4285146690

# Complementary

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



4281680651



4279831363

# 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.



4284034395



4281680651



4278207089

# Square

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



4281680651



4278209108



4281874796



4285212713

# Rectangle

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



4281680651



4278208817



4281874796



4284884811



# Sweetspot

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



4281680651



4283520833



4282587403



4280822558



4289440683



4281019179



# Same Dimension

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



4281680651



4282472192



4279845643



4280295710



4282999040



4289257472



# Inverse Universe

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



4279831363



4279631959



4281666371



4280229409



4279763041

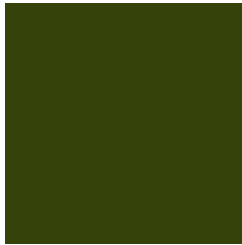


4281860320



# Previews

## White Background



This preview shows how the Android color 4281680651 looks on a white background.

## Color Contrast Check

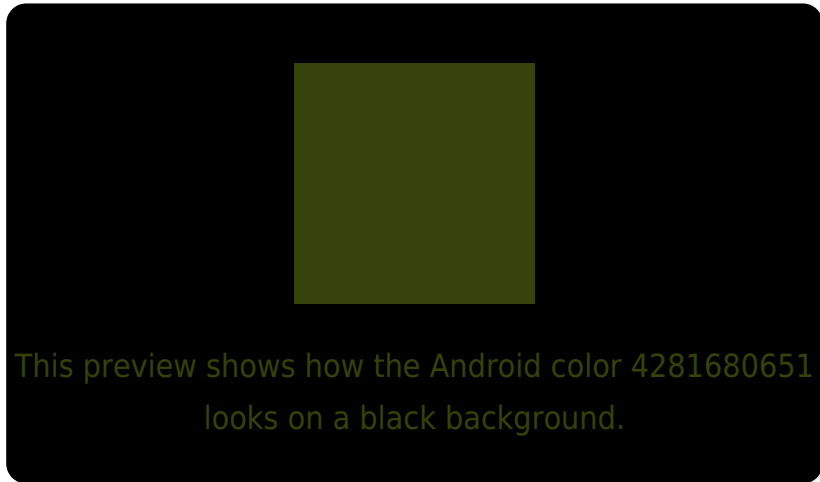
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281680651 Background



This preview shows how black text looks on a background with the Android color 4281680651.



This preview shows how white text looks on a background with the Android color 4281680651.

# 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**

4281680651

**Protanopia**

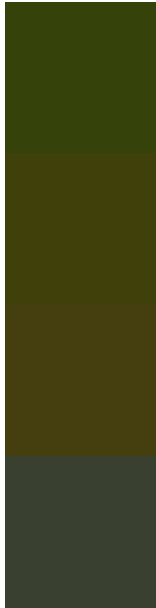
4282793482

**Deuteranopia**

4283317008



# Trichromacy



**Original Color**  
4281680651

**Protanomaly**  
4282400778

**Deuteranomaly**  
4282727950

**Tritanomaly**  
4281942063

# Monochromacy



**Original Color**  
4281680651

**Achromatopsia**  
4281874488

**Achromatomaly**  
4281809960

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281680651 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(53, 67, 11)` looks like.

```
.text, #text, p{  
    color:rgb(53, 67, 11)  
}
```

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(53, 67, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 67, 11) }
```

## Border

The CSS property to change the border of an element to Android 4281680651 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(53, 67, 11) }
```

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

```
.border{ border-color:rgb(53, 67, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 67, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 67, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 67, 11);  
box-shadow:4px 4px 4px 4px rgb(53, 67, 11)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281680651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 67, 11) }
```

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

```
.background{ background-color: rgb(53, 67,  
11) }
```

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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