

# Converting Colors

Android(4282402081)

Have a look what the booklet for  
Android(4282402081) contains.

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# Color

**Android(4282402081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	404521
RGB	64, 69, 33
RGB Percent	25%, 27%, 13%
CMY	0.7490, 0.7294, 0.8706
CMYK	0.07, 0.00, 0.52, 0.73
HSL	68°, 35%, 20%
HSV	68°, 52%, 27%
XYZ	4.5170, 5.4560, 2.2539
YIQ	63.4010, 8.5760, -12.2560

# Conversions

## Conversions Part 2

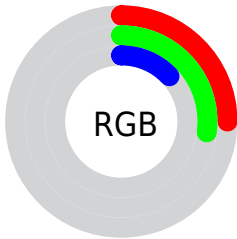
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 69, 38
Decimal	4212001
CIE <sub>Lab</sub>	28.00, -8.53, 20.94
CIE <sub>LCh</sub>	28, 22.612, 112.164
Yxy	5.4560, 0.3694, 0.4462
Android (android.graphics.Color)	4282402081 (0xFF404521)
YUV	63.4010, -14.9877, 0.5253
Hunter-Lab	23.3582, -6.3586, 10.6297

# Details

The Android color **4282402081** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4280688965**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4285625678**, and **4279507456** is the 20% darker color. If you saturate the color by 10%, you get **4282336538**, and if you desaturate by 10%, it is **4282467624**.

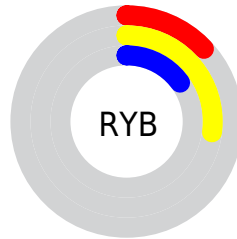
# Distribution



Red (25%)

Green (27%)

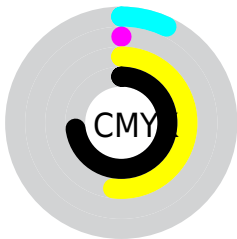
Blue (13%)



Red (13%)

Yellow (27%)

Blue (15%)

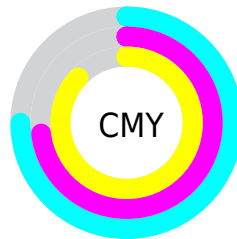


Cyan (7%)

Magenta (0%)

Yellow (52%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282402081 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 4282402081 by changing the saturation by 10% instead.





4282402081



4282402081

4294967295



4280889099



4285625678



4279507456



4287270758



4278190080



4289046912



4290823322



4292665525



4294573520



4294967277



4282402081



4282402081

■ 4282336538

■ 4282467624

■ 4282270995

■ 4282533167

■ 4282205452

■ 4282598710

■ 4282139909

■ 4282664253

■ 4282074368

■ 4282729796

■ 4282795338

■ 4282860881

■ 4282926424

■ 4282991967

# Harmonies

## Analogous

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



4283514655



4282402081



4281092396

# Triad

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



4282402081



4278208861



4284494919

# Complementary

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



4282402081



4280688965

# 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.



4283644248



4282402081



4280042852

# Square

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



4282402081



4278209359



4282204002



4284691766

# Rectangle

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



4282402081



4279978551



4282204002



4284298573



# Sweetspot

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



4282402081



4283914571



4282721825



4281151013



4289572269



4281216558



# Same Dimension

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



4282402081



4283521313



4281222433



4280493088



4283851520



4291027712



# Inverse Universe

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



4280688965



4280885593



4281868613



4280360996



4279107683

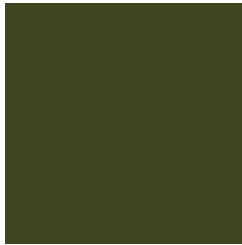


4280287459



# Previews

## White Background



This preview shows how the Android color 4282402081 looks on a white background.

## Color Contrast Check

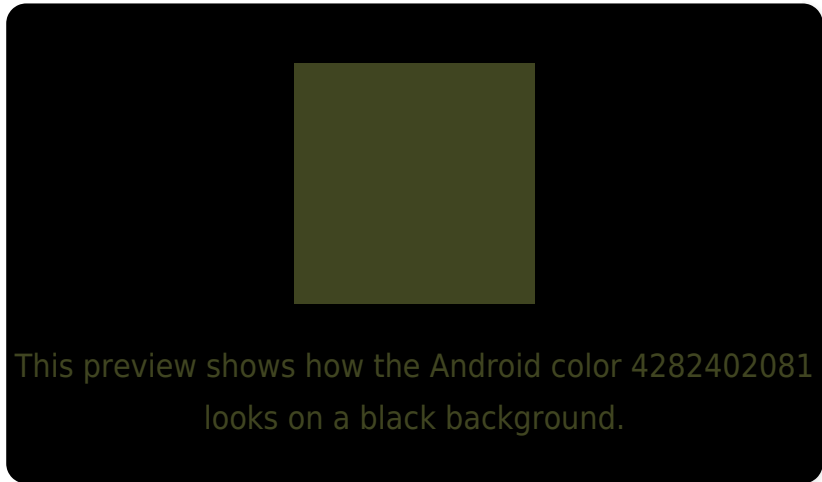
Large Text (above 18pt) WCAG AA ✓ Pass

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

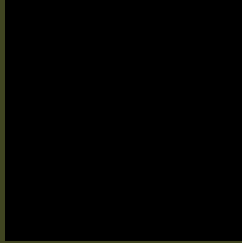
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282402081 Background



This preview shows how black text looks on a background with the Android color 4282402081.



This preview shows how white text looks on a background with the Android color 4282402081.

# 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**

4282402081

**Protanopia**

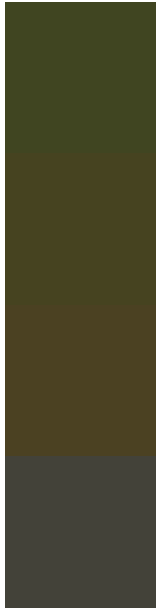
4282991136

**Deuteranopia**

4283514659



# Trichromacy



**Original Color**  
4282402081

**Protanomaly**  
4282794784

**Deuteranomaly**  
4283121954

**Tritanomaly**  
4282597945

# Monochromacy



**Original Color**  
4282402081

**Achromatopsia**  
4282335039

**Achromatomaly**  
4282335540

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282402081 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(64, 69, 33)` looks like.

```
.text, #text, p{  
    color:rgb(64, 69, 33)  
}
```

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(64, 69, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 69, 33) }
```

## Border

The CSS property to change the border of an element to Android 4282402081 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(64, 69, 33) }
```

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

```
.border{ border-color:rgb(64, 69, 33) }
```

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

Here you see how a box with a 4 pixel rgb(64, 69, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 69, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 69, 33);  
box-shadow:4px 4px 4px 4px rgb(64, 69, 33)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282402081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 69, 33) }
```

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

```
.background{ background-color: rgb(64, 69,  
33) }
```

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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