

# Converting Colors

Android(4281352346)

Have a look what the booklet for  
Android(4281352346) contains.

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# Color

**Android(4281352346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30409A
RGB	48, 64, 154
RGB Percent	19%, 25%, 60%
CMY	0.8118, 0.7490, 0.3961
CMYK	0.69, 0.58, 0.00, 0.40
HSL	231°, 52%, 40%
HSV	231°, 69%, 60%
XYZ	8.8851, 6.6283, 31.3829
YIQ	69.4760, -38.4260, 24.5980

# Conversions

## Conversions Part 2

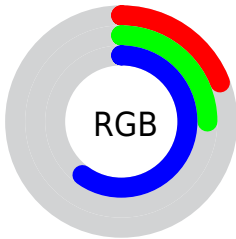
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 62, 154
Decimal	3162266
CIE <sub>Lab</sub>	30.95, 24.57, -51.17
CIE <sub>LCh</sub>	31, 56.766, 295.650
Yxy	6.6283, 0.1895, 0.1413
Android (android.graphics.Color)	4281352346 (0xFF30409A)
YUV	69.4760, 41.6703, -18.8345
Hunter-Lab	25.7454, 16.5480, -54.2511

# Details

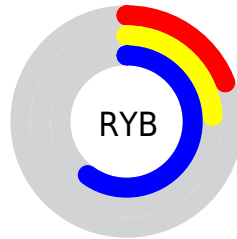
The Android color **4281352346** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4288318000**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4285231057**, and **4278195814** is the 20% darker color. If you saturate the color by 10%, you get **4280365978**, and if you desaturate by 10%, it is **4282338714**.

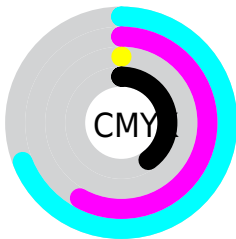
# Distribution



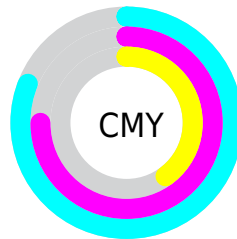
- Red (19%)
- Green (25%)
- Blue (60%)



- Red (19%)
- Yellow (24%)
- Blue (60%)



- Cyan (69%)
- Magenta (58%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (75%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281352346 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 4281352346 by changing the saturation by 10% instead.



■ 4281352346

■ 4281352346

4294967295

■ 4278332032

■ 4285231057

■ 4278195814

■ 4287072750

■ 4278190157

■ 4288979967

■ 4278191413

■ 4290887423

■ 4278190623

■ 4292795135

■ 4278190083

■ 4294702847

■ 4278190080

■ 4281352346

■ 4281352346

■ 4280365978

■ 4282338714

■ 4279314074

■ 4283390618

■ 4278327706

■ 4284376986

■ 4278196122

■ 4285428890

■ 4286415258

■ 4287401626

■ 4288453786

■ 4289440154

■ 4290492058

# Harmonies

## Analogous

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



4278210979



4281352346



4285932924

# Triad

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



4281352346



4286525440



4278213441

# Complementary

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



4281352346



4288318000

# 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.



4278212623



4281352346



4284433664

# Square

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



4281352346



4287762470



4281684224



4278213486

# Rectangle

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



4281352346



4287302752



4281684224



4278213169



# Sweetspot

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



4281352346



4288653001



4281375368



4283256934



4293322470



4284900966



# Same Dimension

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



4281352346



4280433609



4283642010



4282730061



4278195596



4278190605



# Inverse Universe

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



4288294976



4291371579



4286028336



4283254086



4287365141

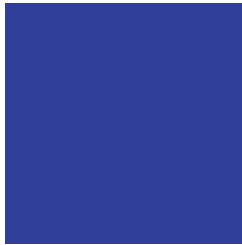


4279042050



# Previews

## White Background



This preview shows how the Android color 4281352346 looks on a white background.

## Color Contrast Check

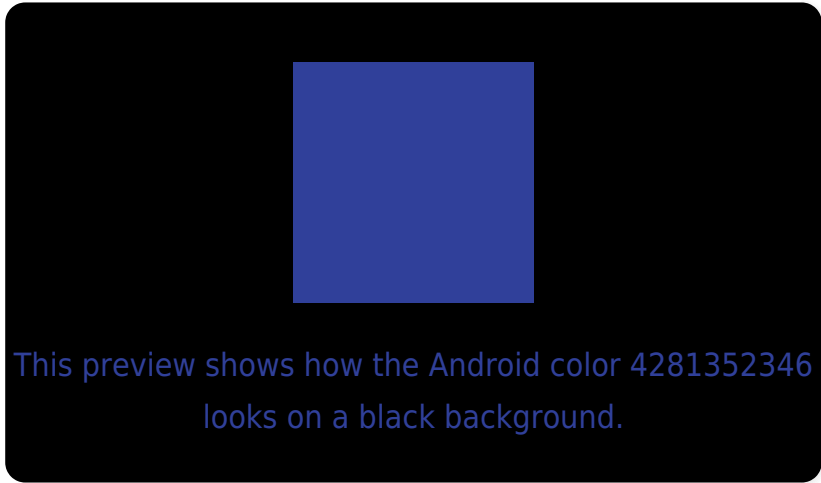
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281352346 Background



This preview shows how black text looks on a background with the Android color 4281352346.



This preview shows how white text looks on a background with the Android color 4281352346.

# 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**  
4281352346

**Protanopia**  
4278208149

**Deuteranopia**  
4278209408



# Trichromacy



**Original Color**  
4281352346

**Protanomaly**  
4279321751

**Deuteranomaly**  
4279322505

**Tritanomaly**  
4279323503

# Monochromacy



**Original Color**  
4281352346

**Achromatopsia**  
4282729797

**Achromatomaly**  
4282205028

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281352346 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(48, 64, 154)` looks like.

```
.text, #text, p{  
  color:rgb(48, 64, 154)  
}
```

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(48, 64, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 64, 154) }
```

## Border

The CSS property to change the border of an element to Android 4281352346 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(48, 64, 154) }
```

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

```
.border{ border-color:rgb(48, 64, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 64, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 64, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 64, 154);  
box-shadow:4px 4px 4px 4px rgb(48, 64,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4281352346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 64, 154) }
```

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

```
.background{ background-color: rgb(48, 64,  
154) }
```

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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