

# Converting Colors

Android(4283054050)

Have a look what the booklet for  
Android(4283054050) contains.

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# Color

**Android(4283054050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A37E2
RGB	74, 55, 226
RGB Percent	29%, 22%, 89%
CMY	0.7098, 0.7843, 0.1137
CMYK	0.67, 0.76, 0.00, 0.11
HSL	247°, 75%, 55%
HSV	247°, 76%, 89%
XYZ	17.9177, 9.6792, 72.8754
YIQ	80.1750, -43.5670, 57.2090

# Conversions

## Conversions Part 2

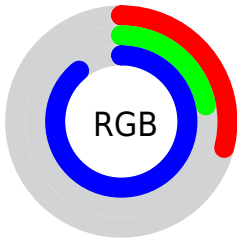
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 55, 226
Decimal	4863970
CIE <sub>Lab</sub>	37.26, 57.12, -83.12
CIE <sub>LCh</sub>	37, 100.854, 304.499
Yxy	9.6792, 0.1783, 0.0963
Android (android.graphics.Color)	4283054050 (0xFF4A37E2)
<b>YUV</b>	80.1750, 71.8917, -5.4155
Hunter-Lab	31.1114, 48.3567, -117.1029

# Details

The Android color `4283054050` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4291813943`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4287457791`, and `4278190761` is the 20% darker color. If you saturate the color by 10%, you get `4281737442`, and if you desaturate by 10%, it is `4284370658`.

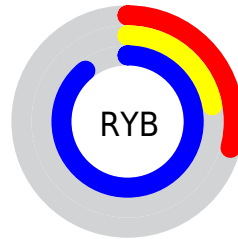
# Distribution



Red (29%)

Green (22%)

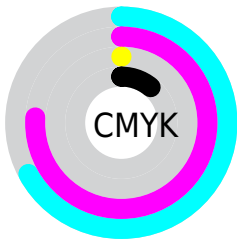
Blue (89%)



Red (29%)

Yellow (22%)

Blue (89%)

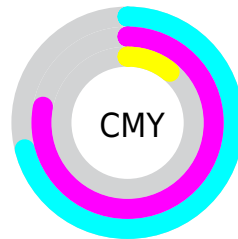


Cyan (67%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (78%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283054050 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 4283054050 by changing the saturation by 10% instead.



 4283054050

 4283054050

4294967295


 4279901893

 4287457791

 4278190761

 4289561855

 4278190222

 4291600127

 4278190195

 4293638911

 4278192985

 4294956799

 4278191937

 4294964223

 4278190890

 4278190356

 4278190080

■ 4283054050

■ 4283054050

■ 4281737442

■ 4284370658

■ 4280421090

■ 4285687010

■ 4279828706

■ 4287003618

■ 4288319970

■ 4289636578

■ 4291018722

■ 4292335074

■ 4293651682

■ 4294967266

# Harmonies

## Analogous

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



4278215423



4283054050



4290445472

# Triad

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



4283054050



4288688640



4278219619

# Complementary

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



4283054050



4291813943

# 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.



4278218752



4283054050



4284570112

# Square

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



4283054050



4291559424



4278217216



4278220212

# Rectangle

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



4283054050



4292149355



4278217216



4278219334



# Sweetspot

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



4283054050



4291544319



4281848290



4284505216



4278190080



4286611584



# Same Dimension

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



4283054050



4281407487



4288559074



4284900720



4279500976



4278517808



# Inverse Universe

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



4293015503



4294907877



4286308919



4285556079



4289724572

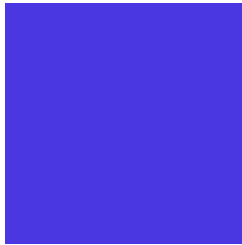


4281335851



# Previews

## White Background



This preview shows how the Android color 4283054050 looks on a white background.

## Color Contrast Check

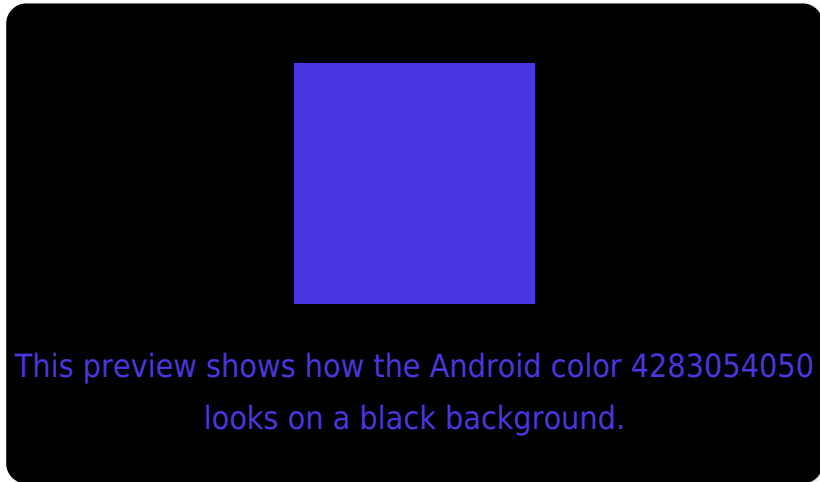
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283054050 Background



This preview shows how black text looks on a background with the Android color 4283054050.



This preview shows how white text looks on a background with the Android color 4283054050.

# 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**  
4283054050

**Protanopia**  
4278211761

**Deuteranopia**  
4278213271



# Trichromacy



**Original Color**  
4283054050

**Protanomaly**  
4279978435

**Deuteranomaly**  
4279979442

**Tritanomaly**  
4279980692

# Monochromacy



**Original Color**  
4283054050

**Achromatopsia**  
4283453520

**Achromatomaly**  
4283320197

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283054050 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(74, 55, 226)` looks like.

```
.text, #text, p{  
    color:rgb(74, 55, 226)  
}
```

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(74, 55, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 55, 226) }
```

## Border

The CSS property to change the border of an element to Android 4283054050 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(74, 55, 226) }
```

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

```
.border{ border-color:rgb(74, 55, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 55, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 55, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 55, 226);  
box-shadow:4px 4px 4px 4px rgb(74, 55,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4283054050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 55, 226) }
```

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

```
.background{ background-color: rgb(74, 55,  
226) }
```

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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