

# Converting Colors

Android(4283057848)

Have a look what the booklet for  
Android(4283057848) contains.

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# Color

**Android(4283057848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A46B8
RGB	74, 70, 184
RGB Percent	29%, 27%, 72%
CMY	0.7098, 0.7255, 0.2784
CMYK	0.60, 0.62, 0.00, 0.28
HSL	242°, 45%, 50%
HSV	242°, 62%, 72%
XYZ	13.6659, 9.2969, 46.4216
YIQ	84.1920, -34.2100, 36.3020

# Conversions

## Conversions Part 2

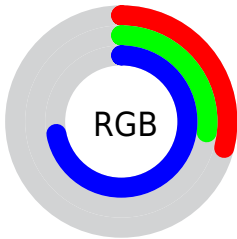
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 70, 184
Decimal	4867768
CIELab	36.55, 35.43, -59.92
CIElCh	37, 69.617, 300.596
Yxy	9.2969, 0.1970, 0.1340
Android (android.graphics.Color)	4283057848 (0xFF4A46B8)
YUV	84.1920, 49.2053, -8.9384
Hunter-Lab	30.4907, 26.6448, -68.9244

# Details

The Android color **4283057848** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4290033734**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4286937073**, and **4278196866** is the 20% darker color. If you saturate the color by 10%, you get **4281873592**, and if you desaturate by 10%, it is **4284242104**.

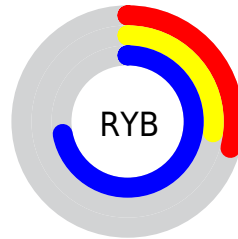
# Distribution



Red (29%)

Green (27%)

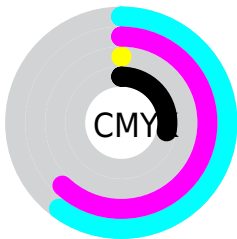
Blue (72%)



Red (29%)

Yellow (27%)

Blue (72%)

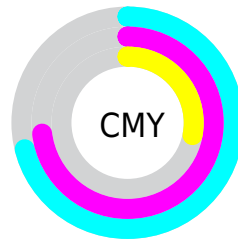


Cyan (60%)

Magenta (62%)

Yellow (0%)

Black (28%)



Cyan (71%)

Magenta (73%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283057848 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 4283057848 by changing the saturation by 10% instead.



 4283057848

 4283057848

4294967295

 4280823709

 4286937073

 4278196866

 4288844287

 4278191720

 4290751487

 4278190159

 4292724735

 4278191415

 4294632447

 4278190625

 4278190085

 4278190080

 4283057848

 4283057848

■ 4281873592

■ 4284242104

■ 4280689080

■ 4285426616

■ 4279570360

■ 4286545336

■ 4278583480

■ 4287729848

■ 4288914104

■ 4290098360

■ 4291217336

■ 4292401592

■ 4293586104

# Harmonies

## Analogous

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



4278214344



4283057848



4288093070

# Triad

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



4283057848



4287838976



4278217814

# Complementary

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



4283057848



4290033734

# 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.



4278216983



4283057848



4285092864

# Square

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



4283057848



4289595169



4281295360



4278218126

# Rectangle

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



4283057848



4289527914



4281295360



4278217538



# Sweetspot

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



4283057848



4291085040



4282823864



4284308600



4294440951



4286085240



# Same Dimension

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



4283057848



4282728176



4286793400



4283650908



4278517916



4278255644



# Inverse Universe

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



4290266804



4293934825



4286298182



4284240731



4288413846

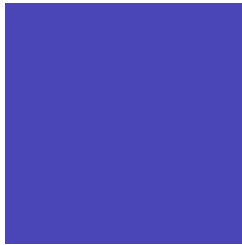


4280025115



# Previews

## White Background



This preview shows how the Android color 4283057848 looks on a white background.

## Color Contrast Check

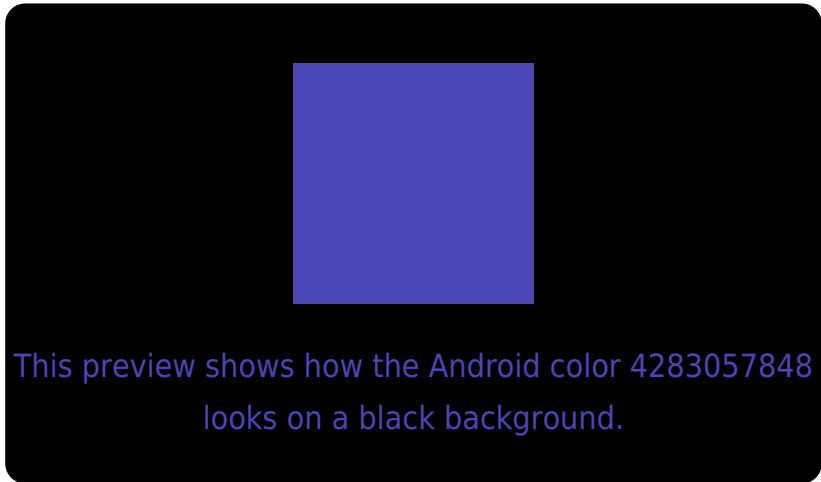
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283057848 Background



This preview shows how black text looks on a background with the Android color 4283057848.



This preview shows how white text looks on a background with the Android color 4283057848.

# 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**  
4283057848

**Protanopia**  
4278211503

**Deuteranopia**  
4278212759



# Trichromacy



**Original Color**  
4283057848

**Protanomaly**  
4279979698

**Deuteranomaly**  
4279980451

**Tritanomaly**  
4281488771

# Monochromacy



**Original Color**  
4283057848

**Achromatopsia**  
4283716692

**Achromatomaly**  
4283453304

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283057848 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, 70, 184)` looks like.

```
.text, #text, p{  
    color:rgb(74, 70, 184)  
}
```

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, 70, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 70, 184) }
```

## Border

The CSS property to change the border of an element to Android 4283057848 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, 70, 184) }
```

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

```
.border{ border-color:rgb(74, 70, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 70, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 70, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 70, 184);  
box-shadow:4px 4px 4px 4px rgb(74, 70,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4283057848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 70, 184) }
```

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

```
.background{ background-color: rgb(74, 70,  
184) }
```

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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