

# Converting Colors

Android(4283777470)

Have a look what the booklet for  
Android(4283777470) contains.

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# Color

**Android(4283777470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5541BE
RGB	85, 65, 190
RGB Percent	33%, 25%, 75%
CMY	0.6667, 0.7451, 0.2549
CMYK	0.55, 0.66, 0.00, 0.25
HSL	250°, 49%, 50%
HSV	250°, 66%, 75%
XYZ	14.9309, 9.4296, 49.7483
YIQ	85.2300, -28.2050, 43.1150

# Conversions

## Conversions Part 2

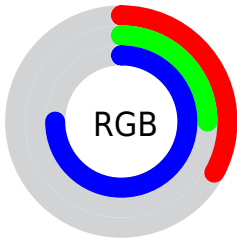
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 65, 190
Decimal	5587390
CIELab	36.80, 42.21, -63.01
CIELCh	37, 75.838, 303.816
Yxy	9.4296, 0.2015, 0.1272
Android (android.graphics.Color)	4283777470 (0xFF5541BE)
YUV	85.2300, 51.6516, -0.2017
Hunter-Lab	30.7076, 33.0531, -74.5582

# Details

The Android color `4283777470` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289379905`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4287656695`, and `4278588295` is the 20% darker color. If you saturate the color by 10%, you get `4282724030`, and if you desaturate by 10%, it is `4284830910`.

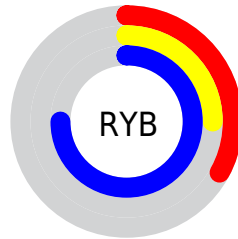
# Distribution



Red (33%)

Green (25%)

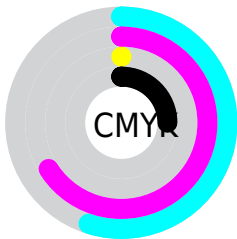
Blue (75%)



Red (33%)

Yellow (25%)

Blue (75%)

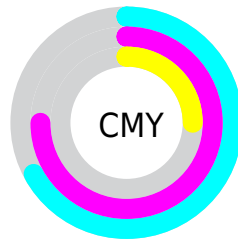


Cyan (55%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (67%)

Magenta (75%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283777470 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 4283777470 by changing the saturation by 10% instead.



 4283777470

 4283777470

4294967295

 4281674402

 4287656695

 4278588295

 4289563903

 4278190189

 4291471359

 4278190164

 4293444351

 4278191676

 4294959103

 4278190629

 4294966271

 4278190350

 4278190080

 4283777470

 4283777470

■ 4282724030

■ 4284830910

■ 4281670590

■ 4285884350

■ 4280617150

■ 4286937790

■ 4280156350

■ 4287991230

■ 4289044670

■ 4290098110

■ 4291151550

■ 4292204990

■ 4293258430

# Harmonies

## Analogous

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



4278214099



4283777470



4288807054

# Triad

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



4283777470



4287839232



4278218333

# Complementary

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



4283777470



4289379905

# 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.



4278217497



4283777470



4284765952

# Square

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



4283777470



4289921046



4280050944



4278218394

# Rectangle

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



4283777470



4290183270



4280050944



4278218056



# Sweetspot

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



4283777470



4291741431



4282493886



4284768125



4294769916



4286414205



# Same Dimension

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



4283777470



4283643127



4287775166



4283848030



4279828638



4278517791



# Inverse Universe

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



4290658730



4294391000



4285382209



4284372317



4288544901



4280221722



# Previews

## White Background



This preview shows how the Android color 4283777470 looks on a white background.

## Color Contrast Check

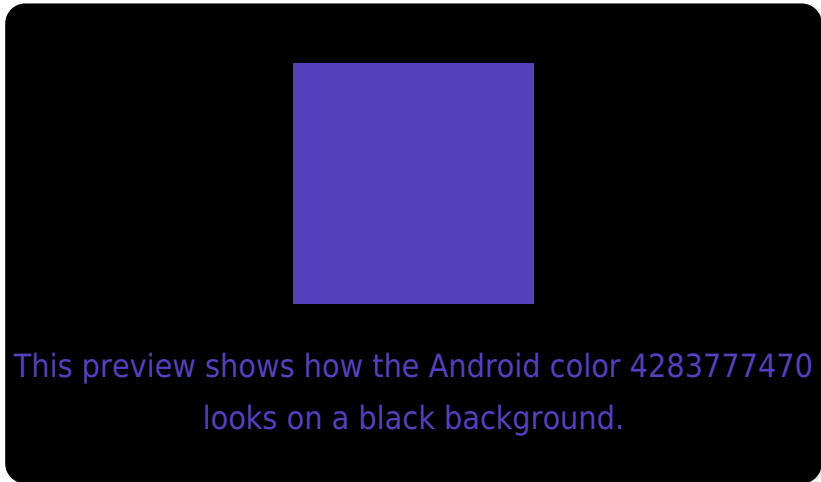
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283777470 Background



This preview shows how black text looks on a background with the Android color 4283777470.



This preview shows how white text looks on a background with the Android color 4283777470.

# 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**

4283777470

**Protanopia**

4278211504

**Deuteranopia**

4278213016



# Trichromacy



**Original Color**

4283777470



**Protanomaly**

4280241333



**Deuteranomaly**

4280242342



**Tritanomaly**

4282471301

# Monochromacy



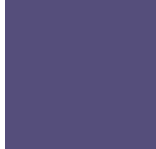
**Original Color**

4283777470



**Achromatopsia**

4283782485



**Achromatomaly**

4283780731

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283777470 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(85, 65, 190)` looks like.

```
.text, #text, p{  
    color:rgb(85, 65, 190)  
}
```

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(85, 65, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 65, 190) }
```

## Border

The CSS property to change the border of an element to Android 4283777470 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(85, 65, 190) }
```

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

```
.border{ border-color:rgb(85, 65, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 65, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 65, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 65, 190);  
box-shadow:4px 4px 4px 4px rgb(85, 65,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4283777470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 65, 190) }
```

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

```
.background{ background-color: rgb(85, 65,  
190) }
```

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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