

# Converting Colors

Android(4284371830)

Have a look what the booklet for  
Android(4284371830) contains.

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# Color

**Android(4284371830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5376
RGB	94, 83, 118
RGB Percent	37%, 33%, 46%
CMY	0.6314, 0.6745, 0.5373
CMYK	0.20, 0.30, 0.00, 0.54
HSL	259°, 17%, 39%
HSV	259°, 30%, 46%
XYZ	10.9794, 9.8742, 18.4668
YIQ	90.2790, -4.6790, 13.2170

# Conversions

## Conversions Part 2

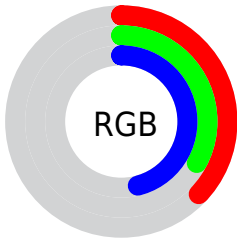
Format	Color
<b>R<sub>YB</sub></b>	94, 83, 118
Decimal	6181750
CIE <sub>Lab</sub>	37.62, 12.41, -18.27
CIE <sub>LCh</sub>	38, 22.081, 304.187
Yxy	9.8742, 0.2792, 0.2511
Android (android.graphics.Color)	4284371830 (0xFF5E5376)
YUV	90.2790, 13.6665, 3.2633
Hunter-Lab	31.4232, 7.3777, -12.8472

# Details

The Android color `4284371830` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285232723`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4287726762`, and `4281280070` is the 20% darker color. If you saturate the color by 10%, you get `4283844470`, and if you desaturate by 10%, it is `4284899190`.

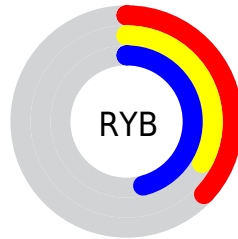
# Distribution



Red (37%)

Green (33%)

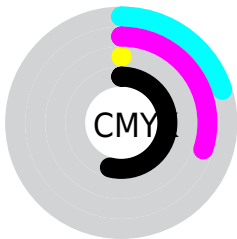
Blue (46%)



Red (37%)

Yellow (33%)

Blue (46%)

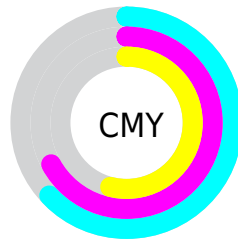


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (54%)



Cyan (63%)

Magenta (67%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284371830 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 4284371830 by changing the saturation by 10% instead.



■ 4284371830

■ 4284371830

4294967295

■ 4282793053

■ 4287726762

■ 4281280070

■ 4289503174

■ 4279833135

■ 4291279586

■ 4278190106

■ 4293121534

■ 4278190080

■ 4294963967

■ 4284371830

■ 4284371830

■ 4283844470

■ 4284899190

■ 4283317110

■ 4285426550

■ 4282790006

■ 4285953654

■ 4282262646

■ 4286481014

■ 4281735286

■ 4287008374

■ 4281142390

■ 4287601270

■ 4280615030

■ 4288128630

■ 4288655734

■ 4289183094

# Harmonies

## Analogous

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



4282669436



4284371830



4285615464

# Triad

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



4284371830



4285616697



4280509018

# Complementary

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



4284371830



4285232723

# 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.



4282016072



4284371830



4284635189

# Square

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



4284371830



4286205253



4283391290



4279591276

# Rectangle

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



4284371830



4286139229



4283391290



4281033300



# Sweetspot

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



4284371830



4287663001



4283657078



4282860621



4291611852



4283256141



# Same Dimension

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



4284371830



4285751961



4285485942



4281808187



4280680570



4283367674



# Inverse Universe

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



4285944683



4288242312



4284118611



4282070329



4286185556



4294574251



# Previews

## White Background



This preview shows how the Android color 4284371830 looks on a white background.

## Color Contrast Check

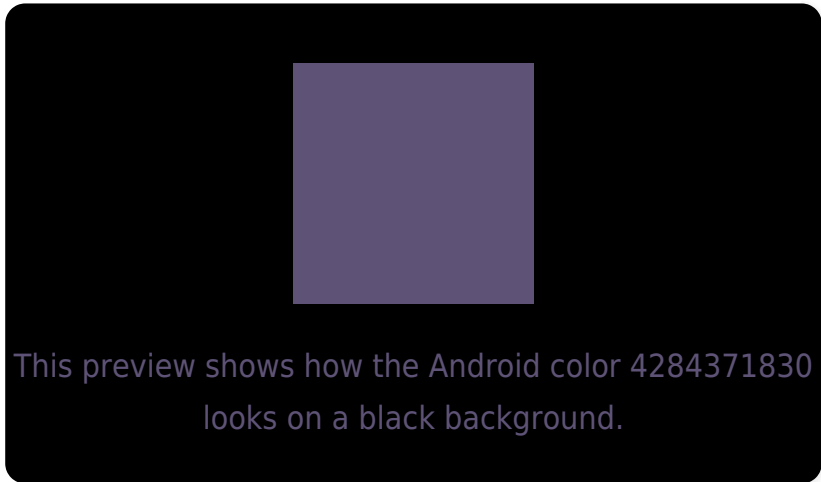
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284371830 Background



This preview shows how black text looks on a background with the Android color 4284371830.

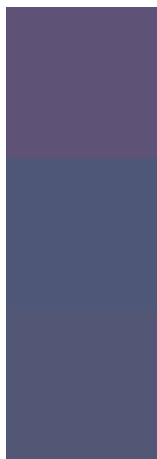


This preview shows how white text looks on a background with the Android color 4284371830.

# 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**

4284371830

**Protanopia**

4283389817

**Deuteranopia**

4283586421



# Trichromacy



**Original Color**

4284371830

**Protanomaly**

4283717240

**Deuteranomaly**

4283848309

**Tritanomaly**

4284175975

# Monochromacy



**Original Color**

4284371830

**Achromatopsia**

4284111450

**Achromatomaly**

4284176228

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284371830 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(94, 83, 118) looks like.

```
.text, #text, p{  
    color:rgb(94, 83, 118)  
}
```

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(94, 83, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 118) }
```

## Border

The CSS property to change the border of an element to Android 4284371830 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(94, 83, 118) }
```

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

```
.border{ border-color:rgb(94, 83, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 83, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 83, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 83,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4284371830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 118) }
```

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

```
.background{ background-color: rgb(94, 83,  
118) }
```

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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