

# Converting Colors

Android(4281885834)

Have a look what the booklet for  
Android(4281885834) contains.

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# Color

**Android(4281885834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	38648A
RGB	56, 100, 138
RGB Percent	22%, 39%, 54%
CMY	0.7804, 0.6078, 0.4588
CMYK	0.59, 0.28, 0.00, 0.46
HSL	208°, 42%, 38%
HSV	208°, 59%, 54%
XYZ	10.7755, 11.7901, 25.7525
YIQ	91.1760, -38.4220, 2.4900

# Conversions

## Conversions Part 2

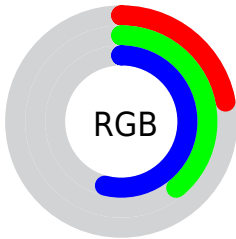
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 85, 138
Decimal	3695754
CIE <sub>Lab</sub>	40.88, -3.18, -25.62
CIE <sub>LCh</sub>	41, 25.812, 262.920
Yxy	11.7901, 0.2230, 0.2440
Android (android.graphics.Color)	4281885834 (0xFF38648A)
YUV	91.1760, 23.0842, -30.8494
Hunter-Lab	34.3367, -4.0725, -20.4319

# Details

The Android color `4281885834` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287258168`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4285437888`, and `4278203992` is the 20% darker color. If you saturate the color by 10%, you get `4280966794`, and if you desaturate by 10%, it is `4282804874`.

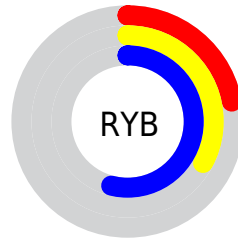
# Distribution



Red (22%)

Green (39%)

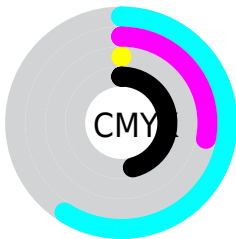
Blue (54%)



Red (22%)

Yellow (33%)

Blue (54%)

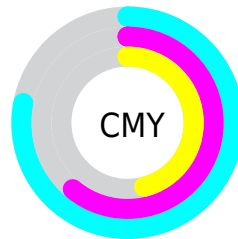


Cyan (59%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (61%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281885834 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 4281885834 by changing the saturation by 10% instead.





4281885834



4281885834

4294967295



4279913584



4285437888



4278203992



4287214044



4278198592



4288990712



4278192426



4290832895



4278190357



4292739071



4278190080



4294639615



4281885834



4281885834



4280966794



4282804874

■ 4280047498

■ 4283724170

■ 4279193994

■ 4284577674

■ 4278274698

■ 4285496970

■ 4278209162

■ 4286416010

■ 4287335050

■ 4288254346

■ 4289107850

■ 4290027146

# Harmonies

## Analogous

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



4279003522



4281885834



4284177799

# Triad

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



4281885834



4287189329



4282739014

# Complementary

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



4281885834



4287258168

# 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.



4284376121



4281885834



4286731839

# Square

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



4281885834



4286992486



4285750582



4280839002

# Rectangle

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



4281885834



4285421695



4285750582



4283328577



# Sweetspot

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



4281885834



4287800499



4281895517



4282798169



4292467161



4284045657



# Same Dimension

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



4281885834



4281628851



4281875594



4282270277



4278208389



4278190853



# Inverse Universe

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



4287248484



4289934456



4287268408



4282728002



4286906439



4278517763



# Previews

## White Background



This preview shows how the Android color 4281885834 looks on a white background.

## Color Contrast Check

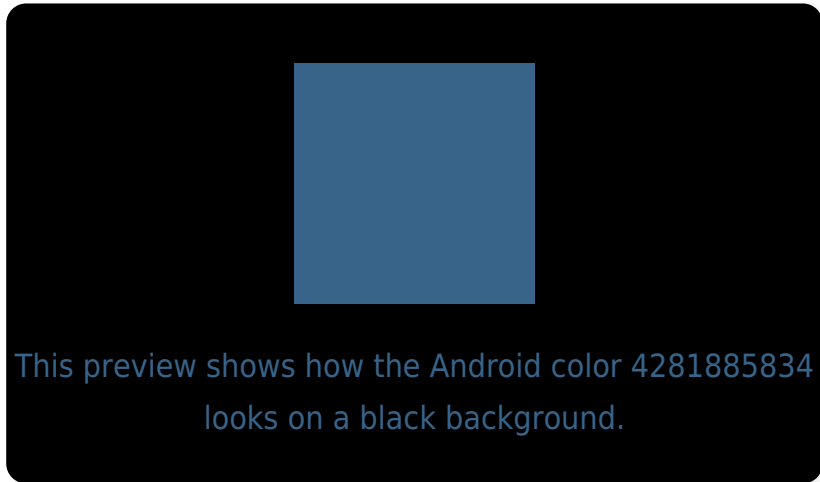
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281885834 Background



This preview shows how black text looks on a background with the Android color 4281885834.

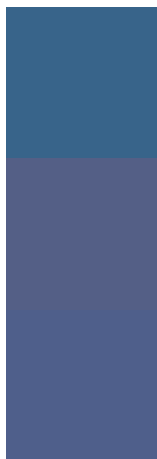


This preview shows how white text looks on a background with the Android color 4281885834.

# 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**

4281885834

**Protanopia**

4283719558

**Deuteranopia**

4283391883



# Trichromacy



**Original Color**  
4281885834

**Protanomaly**  
4283064711

**Deuteranomaly**  
4282868107

**Tritanomaly**  
4281427834

# Monochromacy



**Original Color**  
4281885834

**Achromatopsia**  
4284177243

**Achromatomaly**  
4283326060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281885834 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(56, 100, 138)` looks like.

```
.text, #text, p{  
    color:rgb(56, 100, 138)  
}
```

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(56, 100, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 100, 138) }
```

## Border

The CSS property to change the border of an element to Android 4281885834 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(56, 100, 138) }
```

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

```
.border{ border-color:rgb(56, 100, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 100, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 100, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 100, 138);  
box-shadow:4px 4px 4px 4px rgb(56, 100,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4281885834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 100, 138) }
```

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

```
.background{ background-color: rgb(56, 100,  
138) }
```

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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