

# Converting Colors

Android(4285169850)

Have a look what the booklet for  
Android(4285169850) contains.

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# Color

**Android(4285169850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A80BA
RGB	106, 128, 186
RGB Percent	42%, 50%, 73%
CMY	0.5843, 0.4980, 0.2706
CMYK	0.43, 0.31, 0.00, 0.27
HSL	224°, 37%, 57%
HSV	224°, 43%, 73%
XYZ	22.5260, 22.0477, 49.5228
YIQ	128.0340, -31.7300, 13.3740

# Conversions

## Conversions Part 2

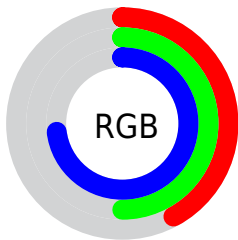
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 123, 186
Decimal	6979770
CIE <sub>Lab</sub>	54.08, 7.36, -32.98
CIE <sub>LCh</sub>	54, 33.796, 282.585
Yxy	22.0477, 0.2394, 0.2343
Android (android.graphics.Color)	4285169850 (0xFF6A80BA)
YUV	128.0340, 28.5772, -19.3238
Hunter-Lab	46.9550, 3.4616, -29.6639

# Details

The Android color `4285169850` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290421866`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4288722418`, and `4281683845` is the 20% darker color. If you saturate the color by 10%, you get `4283921338`, and if you desaturate by 10%, it is `4286418362`.

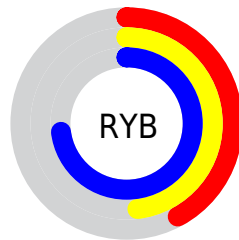
# Distribution



Red (42%)

Green (50%)

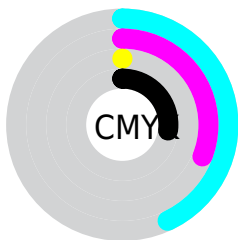
Blue (73%)



Red (42%)

Yellow (48%)

Blue (73%)

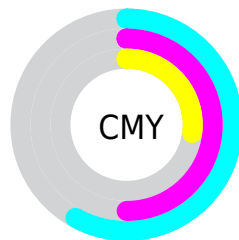


Cyan (43%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (50%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285169850 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 4285169850 by changing the saturation by 10% instead.





4285169850



4285169850

4294967295



4283393951



4288722418



4281683845



4290564351



4279712107



4292472063



4278199122



4294377471



4278193723



4278190629



4278190349



4278190080



4285169850



4285169850

■ 4283921338

■ 4286418362

■ 4282738106

■ 4287601594

■ 4281489594

■ 4288850106

■ 4280306362

■ 4290033338

■ 4279057850

■ 4291281850

■ 4278203322

■ 4292530618

■ 4293713594

■ 4294962362

■ 4294965690

# Harmonies

## Analogous

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



4281436600



4285169850



4287919532

# Triad

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



4285169850



4290015323



4282486639

# Complementary

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



4285169850



4290421866

# 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.



4285041493



4285169850



4288838218

# Square

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



4285169850



4290407030



4287136839



4278227341

# Rectangle

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



4285169850



4289228701



4287136839



4283403877



# Sweetspot

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



4285169850



4292074482



4285184675



4284968058



4294638330



4286216826



# Same Dimension

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



4285169850



4285831154



4286278330



4283651420



4278201244



4278192156



# Inverse Universe

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



4290407040



4294079639



4289313386



4284240725



4288413739



4280025096



# Previews

## White Background



This preview shows how the Android color 4285169850 looks on a white background.

## Color Contrast Check

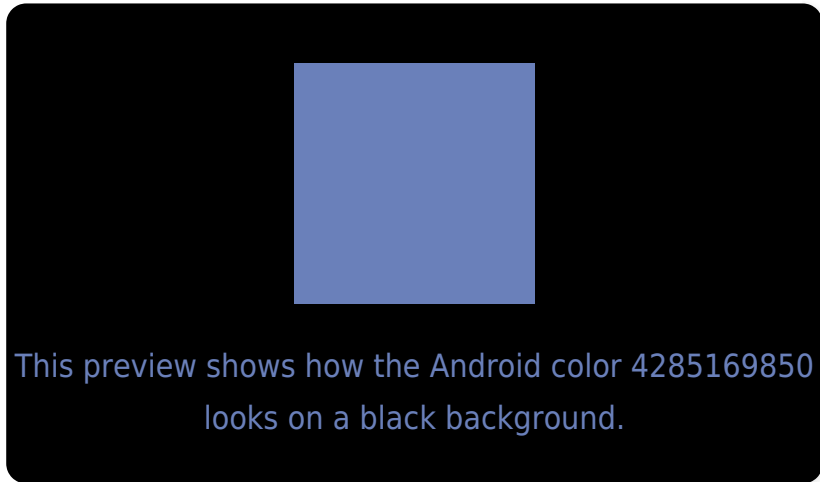
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

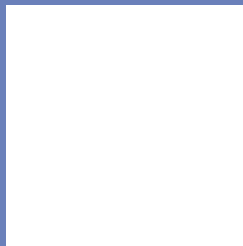
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285169850 Background



This preview shows how black text looks on a background with the Android color 4285169850.

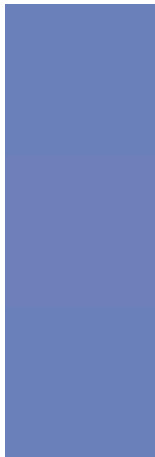


This preview shows how white text looks on a background with the Android color 4285169850.

# 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**  
4285169850

**Protanopia**  
4285431737

**Deuteranopia**  
4285169850



# Trichromacy



**Original Color**  
4285169850

**Protanomaly**  
4285366201

**Deuteranomaly**  
4285169850

**Tritanomaly**  
4284712353

# Monochromacy



**Original Color**  
4285169850

**Achromatopsia**  
4286611584

**Achromatomaly**  
4286087317

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285169850 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(106, 128, 186)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 186)  
}
```

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(106, 128, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 186) }
```

## Border

The CSS property to change the border of an element to Android 4285169850 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(106, 128, 186) }
```

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

```
.border{ border-color:rgb(106, 128, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 186);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4285169850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 186) }
```

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

```
.background{ background-color: rgb(106,  
128, 186) }
```

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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