

# Converting Colors

Android(4285105842)

Have a look what the booklet for  
Android(4285105842) contains.

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# Color

**Android(4285105842)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6986B2
RGB	105, 134, 178
RGB Percent	41%, 53%, 70%
CMY	0.5882, 0.4745, 0.3020
CMYK	0.41, 0.25, 0.00, 0.30
HSL	216°, 32%, 55%
HSV	216°, 41%, 70%
XYZ	22.3867, 23.2678, 45.4307
YIQ	130.3450, -31.4080, 7.5360

# Conversions

## Conversions Part 2

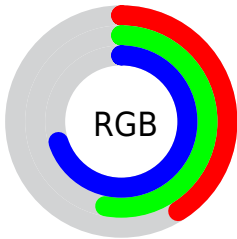
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 126, 178
Decimal	6915762
CIE <sub>Lab</sub>	55.35, 1.25, -26.44
CIE <sub>LCh</sub>	55, 26.466, 272.713
Yxy	23.2678, 0.2458, 0.2555
Android (android.graphics.Color)	4285105842 (0xFF6986B2)
YUV	130.3450, 23.4939, -22.2276
Hunter-Lab	48.2367, -1.5723, -22.0753

# Details

The Android color `4285105842` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289893737`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4288658410`, and `4281685373` is the 20% darker color. If you saturate the color by 10%, you get `4283923378`, and if you desaturate by 10%, it is `4286288306`.

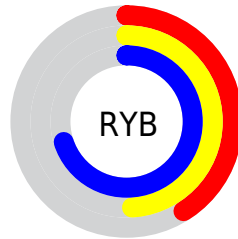
# Distribution



Red (41%)

Green (53%)

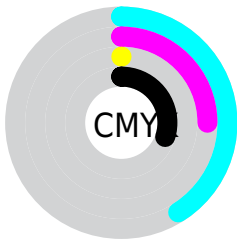
Blue (70%)



Red (41%)

Yellow (49%)

Blue (70%)

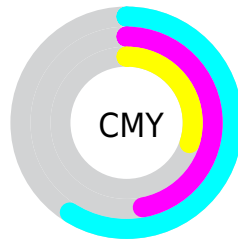


Cyan (41%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (59%)

Magenta (47%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285105842 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 4285105842 by changing the saturation by 10% instead.





4285105842



4285105842

4294967295



4283395479



4288658410



4281685373



4290500607



4279844452



4292342783



4278200396



4294246399



4278195253



4278190623



4278190083



4278190080



4285105842



4285105842

■ 4283923378

■ 4286288306

■ 4282741170

■ 4287470514

■ 4281624242

■ 4288587442

■ 4280441778

■ 4289769906

■ 4279259314

■ 4290952370

■ 4278208434

■ 4292134578

■ 4293317042

■ 4294433970

■ 4294961074

# Harmonies

## Analogous

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



4282944941



4285105842



4287266475

# Triad

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



4285105842



4289820013



4284452719

# Complementary

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



4285105842



4289893737

# 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.



4286221149



4285105842



4289100892

# Square

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



4285105842



4289819523



4287792215



4282749318

# Rectangle

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



4285105842



4288444833



4287792215



4285042280



# Sweetspot

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



4285105842



4291614696



4285117077



4284836725



4294309365



4285887861



# Same Dimension

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



4285105842



4285965544



4285557170



4283454553



4278205849



4278192666



# Inverse Universe

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



4289882502



4293424804



4289442409



4284043348



4288217149



4279894026



# Previews

## White Background



This preview shows how the Android color 4285105842 looks on a white background.

## Color Contrast Check

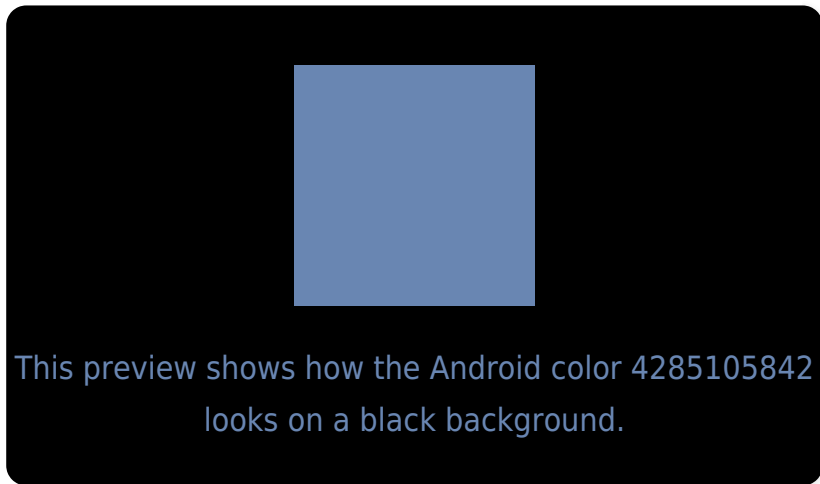
Large Text (above 18pt) WCAG AA ✓ Pass

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

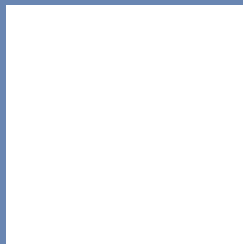
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285105842 Background



This preview shows how black text looks on a background with the Android color 4285105842.

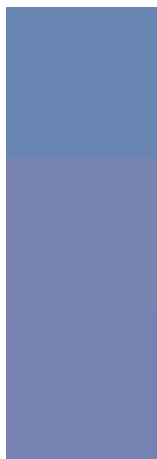


This preview shows how white text looks on a background with the Android color 4285105842.

# 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**

4285105842

**Protanopia**

4286088111

**Deuteranopia**

4286022323



# Trichromacy



**Original Color**  
4285105842

**Protanomaly**  
4285760688

**Deuteranomaly**  
4285694899

**Tritanomaly**  
4284844448

# Monochromacy



**Original Color**  
4285105842

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286153619

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285105842 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(105, 134, 178)` looks like.

```
.text, #text, p{  
    color:rgb(105, 134, 178)  
}
```

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(105, 134, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 134, 178) }
```

## Border

The CSS property to change the border of an element to Android 4285105842 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(105, 134, 178) }
```

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

```
.border{ border-color:rgb(105, 134, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 134, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 134, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 134, 178);  
box-shadow:4px 4px 4px 4px rgb(105, 134,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4285105842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 134, 178) }
```

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

```
.background{ background-color: rgb(105,  
134, 178) }
```

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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