

# Converting Colors

Android(4285761261)

Have a look what the booklet for  
Android(4285761261) contains.

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# **Color**

**Android(4285761261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7386ED
RGB	115, 134, 237
RGB Percent	45%, 53%, 93%
CMY	0.5490, 0.4745, 0.0706
CMYK	0.51, 0.43, 0.00, 0.07
HSL	231°, 77%, 69%
HSV	231°, 51%, 93%
XYZ	30.8814, 26.8095, 83.6679
YIQ	140.0610, -44.3870, 28.0050

# Conversions

## Conversions Part 2

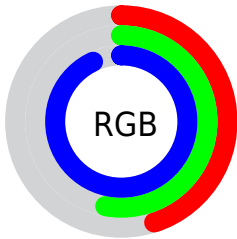
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 131, 237
Decimal	7571181
CIE Lab	58.80, 21.33, -54.23
CIE LCh	59, 58.271, 291.473
Yxy	26.8095, 0.2185, 0.1897
Android (android.graphics.Color)	4285761261 (0xFF7386ED)
YUV	140.0610, 47.7909, -21.9785
Hunter-Lab	51.7778, 15.8499, -59.5623

# Details

The Android color `4285761261` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293778035`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4289575935`, and `4281685428` is the 20% darker color. If you saturate the color by 10%, you get `4284183277`, and if you desaturate by 10%, it is `4287339245`.

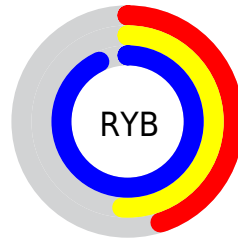
# Distribution



Red (45%)

Green (53%)

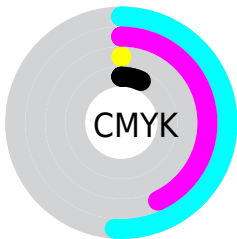
Blue (93%)



Red (45%)

Yellow (51%)

Blue (93%)

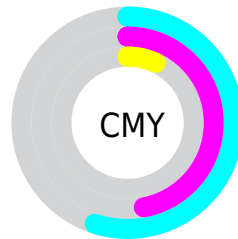


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (47%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285761261 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 4285761261 by changing the saturation by 10% instead.



 4285761261

 4285761261

4294967295

 4283788752

 4289575935

 4281685428

 4291549183

 4278271641

 4293456895

 4278200703

 4278195813

 4278190156

 4278191413

 4278190622

 4278190081

■ 4285761261

■ 4285761261

■ 4284183277

■ 4287339245

■ 4282670829

■ 4288851693

■ 4281092845

■ 4290429677

■ 4279514861

■ 4292007661

■ 4278199789

■ 4293520109

■ 4294967021

■ 4294967277

# Harmonies

## Analogous

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



4278229235



4285761261



4290605262

# Triad

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



4285761261



4292374846



4278232445

# Complementary

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



4285761261



4293778035

# 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.



4282622026



4285761261



4290020894

# Square

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



4285761261



4293550187



4286879267



4278232753

# Rectangle

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



4285761261



4292436911



4286879267



4278232171



# Sweetspot

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



4285761261



4292468735



4285787609



4285099136



4278190080



4286611584



# Same Dimension

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



4285761261



4284578559



4288443373



4285164405



4278197429



4278192182



# Inverse Universe

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



4293751686



4294926714



4291095923



4285885035



4290052124

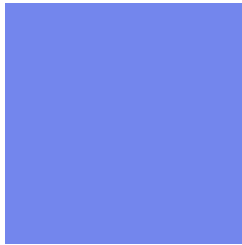


4281729032



# Previews

## White Background



This preview shows how the Android color 4285761261 looks on a white background.

## Color Contrast Check

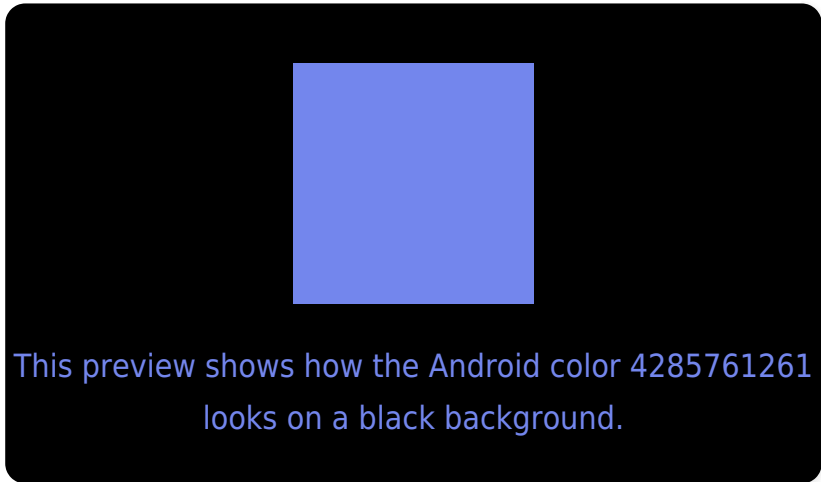
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285761261 Background



This preview shows how black text looks on a background with the Android color 4285761261.



This preview shows how white text looks on a background with the Android color 4285761261.

# 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**  
4285761261

**Protanopia**  
4284582640

**Deuteranopia**  
4283338475



# Trichromacy



**Original Color**  
4285761261

**Protanomaly**  
4285041135

**Deuteranomaly**  
4284189676

**Tritanomaly**  
4284780734

# Monochromacy



**Original Color**  
4285761261

**Achromatopsia**  
4287401100

**Achromatomaly**  
4286810799

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285761261 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(115, 134, 237)` looks like.

```
.text, #text, p{  
    color:rgb(115, 134, 237)  
}
```

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(115, 134, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 134, 237) }
```

## Border

The CSS property to change the border of an element to Android 4285761261 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(115, 134, 237) }
```

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

```
.border{ border-color:rgb(115, 134, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 134, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 134, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 134, 237);  
box-shadow:4px 4px 4px 4px rgb(115, 134,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4285761261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 134, 237) }
```

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

```
.background{ background-color: rgb(115,  
134, 237) }
```

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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