

# Converting Colors

Android(4285893103)

Have a look what the booklet for  
Android(4285893103) contains.

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# **Color**

**Android(4285893103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7589EF
RGB	117, 137, 239
RGB Percent	46%, 54%, 94%
CMY	0.5412, 0.4627, 0.0627
CMYK	0.51, 0.43, 0.00, 0.06
HSL	230°, 79%, 70%
HSV	230°, 51%, 94%
XYZ	31.8618, 27.9052, 85.3683
YIQ	142.6480, -44.6620, 27.4820

# Conversions

## Conversions Part 2

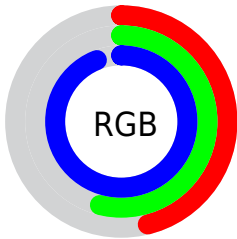
Format	Color
R <sub>Y</sub> B	117, 134, 239
Decimal	7703023
CIE Lab	59.80, 20.60, -53.73
CIE LCh	60, 57.538, 290.975
Yxy	27.9052, 0.2195, 0.1923
Android (android.graphics.Color)	4285893103 (0xFF7589EF)
YUV	142.6480, 47.5015, -22.4933
Hunter-Lab	52.8254, 15.2183, -58.8376

# Details

The Android color `4285893103` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293909365`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4289707775`, and `4281817270` is the 20% darker color. If you saturate the color by 10%, you get `4284315119`, and if you desaturate by 10%, it is `4287471087`.

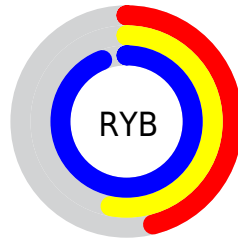
# Distribution



Red (46%)

Green (54%)

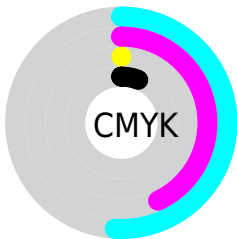
Blue (94%)



Red (46%)

Yellow (53%)

Blue (94%)

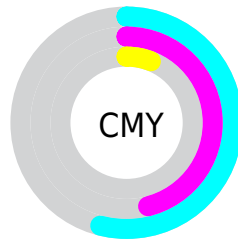


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (46%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285893103 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 4285893103 by changing the saturation by 10% instead.



 4285893103


 4285893103

4294967295

 4283920594

 4289707775

 4281817270

 4291681023

 4278665627

 4293588735

 4278201216

 4278196327

 4278190158

 4278191414

 4278190624

 4278190084

■ 4285893103

■ 4285893103

■ 4284315119

■ 4287471087

■ 4282737135

■ 4289049071

■ 4281159151

■ 4290627055

■ 4279581167

■ 4292205039

■ 4278200303

■ 4293717487

■ 4294967279

# Harmonies

## Analogous

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



4278229748



4285893103



4290737104

# Triad

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



4285893103



4292572226



4278232959

# Complementary

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



4285893103



4293909365

# 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.



4283015757



4285893103



4290218019

# Square

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



4285893103



4293682031



4287141928



4278233267

# Rectangle

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



4285893103



4292569010



4287141928



4278232685



# Sweetspot

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



4285893103



4292468735



4285919195



4285099136



4278190080



4286611584



# Same Dimension

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



4285893103



4284710399



4288574959



4285296248



4278197944



4278192440



# Inverse Universe

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



4293883273



4294927229



4291227509



4286082158



4290248734



4281860105



# Previews

## White Background



This preview shows how the Android color 4285893103 looks on a white background.

## Color Contrast Check

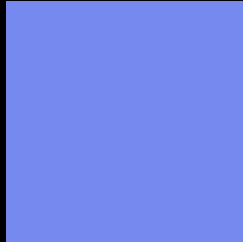
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4285893103 looks on a 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 4285893103 Background



This preview shows how black text looks on a background with the Android color 4285893103.



This preview shows how white text looks on a background with the Android color 4285893103.

# 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





# Trichromacy



**Original Color**  
4285893103

**Protanomaly**  
4285238257

**Deuteranomaly**  
4284452334

**Tritanomaly**  
4284912576

# Monochromacy



**Original Color**  
4285893103

**Achromatopsia**  
4287598479

**Achromatomaly**  
4287008178

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285893103 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(117, 137, 239)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 239)  
}
```

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(117, 137, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 239) }
```

## Border

The CSS property to change the border of an element to Android 4285893103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

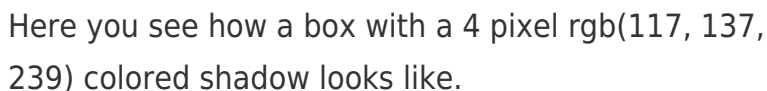
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 137, 239) }
```

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

```
.border{ border-color:rgb(117, 137, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 137, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 137, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 137, 239);  
box-shadow:4px 4px 4px 4px rgb(117, 137,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4285893103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 239) }
```

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

```
.background{ background-color: rgb(117,  
137, 239) }
```

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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