

Converting Colors

Android(4285883879)

Have a look what the booklet for
Android(4285883879) contains.

Android(4285883879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285883879)

Conversions

Conversions Part 1

Format	Color
Hex	7565E7
RGB	117, 101, 231
RGB Percent	46%, 40%, 91%
CMY	0.5412, 0.6039, 0.0941
CMYK	0.49, 0.56, 0.00, 0.09
HSL	247°, 73%, 65%
HSV	247°, 56%, 91%
XYZ	26.4136, 18.8588, 77.8493
YIQ	120.6040, -32.1940, 43.8220

Conversions

Conversions Part 2

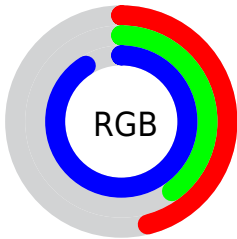
Format	Color
R_{YB}	117, 101, 231
Decimal	7693799
CIE _{Lab}	50.52, 39.56, -64.15
CIE _{LCh}	51, 75.362, 301.660
Yxy	18.8588, 0.2145, 0.1532
Android (android.graphics.Color)	4285883879 (0xFF7565E7)
YUV	120.6040, 54.4252, -3.1607
Hunter-Lab	43.4267, 32.5730, -75.8880

Details

The Android color `4285883879` is a light color, and the websafe version is hex `6666FF`. A complement of this color would be `4292339557`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4289763583`, and `4281808302` is the 20% darker color. If you saturate the color by 10%, you get `4284567271`, and if you desaturate by 10%, it is `4287200487`.

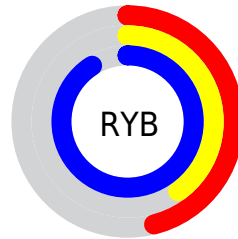
Distribution



Red (46%)

Green (40%)

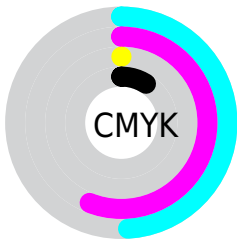
Blue (91%)



Red (46%)

Yellow (40%)

Blue (91%)

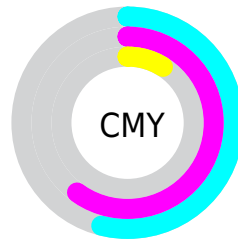


Cyan (49%)

Magenta (56%)

Yellow (0%)

Black (9%)



Cyan (54%)

Magenta (60%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285883879 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 4285883879 by changing the saturation by 10% instead.


 4285883879

 4285883879

4294967295

 4283911626

 4289763583

 4281808302

 4291671039

 4278394771

 4293644287

 4278192761

 4294962175

 4278190175

 4278192198

 4278191151

 4278190361

 4278190080

■ 4285883879

■ 4285883879

■ 4284567271

■ 4287200487

■ 4283185127

■ 4288582631

■ 4281868519

■ 4289899239

■ 4280551911

■ 4291215847

■ 4280025319

■ 4292532711

■ 4293914855

■ 4294967271

Harmonies

Analogous

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



4278223098



4285883879



4291182262

Triad

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



4285883879



4290796544



4278227834

Complementary

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



4285883879



4292339557

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.



4278226998



4285883879



4287592192

Square

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



4285883879



4292884281



4283270912



4278227899

Rectangle

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



4285883879



4292813965



4283270912



4278227812

Sweetspot

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



4285883879



4292465919



4284864743



4285097600



4278190080



4286611584

Same Dimension

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



4285883879



4284961535



4290078183



4285097843



4279632051



4278583347

Inverse Universe

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



4293354967



4294922986



4288145253



4285753201



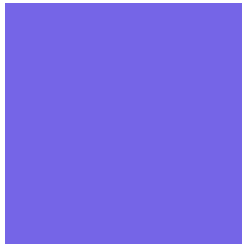
4289921181



4281532461

Previews

White Background



This preview shows how the Android color 4285883879 looks on a white background.

Color Contrast Check

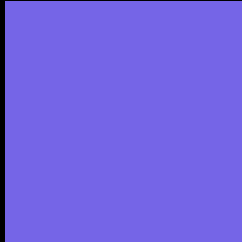
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285883879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

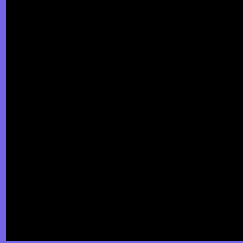
Any Text WCAG AA ✓ Pass

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 4285883879 Background



This preview shows how black text looks on a background with the Android color 4285883879.

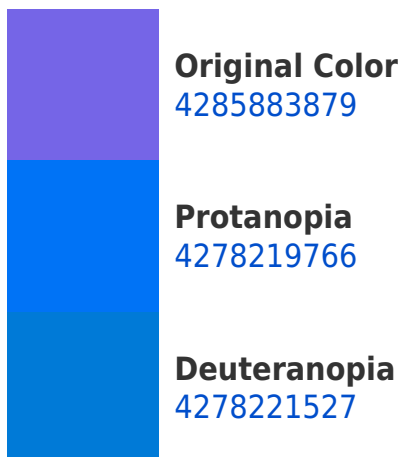


This preview shows how white text looks on a background with the Android color 4285883879.

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

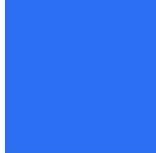


Trichromacy



Original Color

4285883879



Protanomaly

4281036529



Deuteranomaly

4281037533



Tritanomaly

4284708267

Monochromacy



Original Color

4285883879



Achromatopsia

4286151033



Achromatomaly

4286083745

CSS Examples

Text

The CSS property to change the color of the text to Android 4285883879 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, 101, 231)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 231)  
}
```

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, 101, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 231) }
```

Border

The CSS property to change the border of an element to Android 4285883879 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, 101, 231) }
```

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

```
.border{ border-color:rgb(117, 101, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 231);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4285883879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 231) }
```

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

```
.background{ background-color: rgb(117,  
101, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor