

Converting Colors

Android(4285823133)

Have a look what the booklet for
Android(4285823133) contains.

Android(4285823133)	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(4285823133)

Conversions

Conversions Part 1

Format	Color
Hex	74789D
RGB	116, 120, 157
RGB Percent	45%, 47%, 62%
CMY	0.5451, 0.5294, 0.3843
CMYK	0.26, 0.24, 0.00, 0.38
HSL	234°, 17%, 54%
HSV	234°, 26%, 62%
XYZ	20.0047, 19.5803, 34.6233
YIQ	123.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

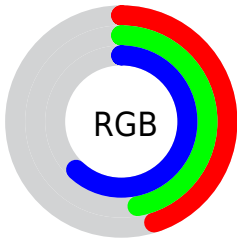
Format	Color
R_{YB}	116, 120, 157
Decimal	7633053
CIE _{Lab}	51.36, 7.08, -20.37
CIE _{LCh}	51, 21.568, 289.155
Yxy	19.5803, 0.2696, 0.2639
Android (android.graphics.Color)	4285823133 (0xFF74789D)
YUV	123.0220, 16.7512, -6.1583
Hunter-Lab	44.2496, 3.2610, -15.4170

Details

The Android color `4285823133` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288518516`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4289309908`, and `4282599530` is the 20% darker color. If you saturate the color by 10%, you get `4284770973`, and if you desaturate by 10%, it is `4286875293`.

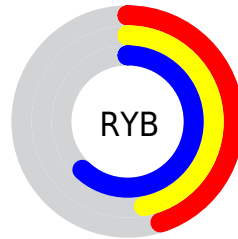
Distribution



Red (45%)

Green (47%)

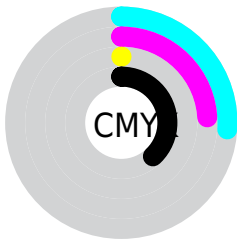
Blue (62%)



Red (45%)

Yellow (47%)

Blue (62%)

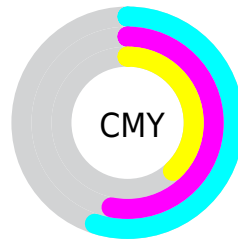


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285823133 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 4285823133 by changing the saturation by 10% instead.

■ 4285823133

4294967295

■ 4289309908

■ 4291086320

■ 4292928767

4294836223

■ 4285823133

■ 4284770973

■ 4285823133

■ 4284178307

■ 4282599530

■ 4281020753

■ 4279508282

■ 4278190629

■ 4278190349

■ 4278190080

■ 4285823133

■ 4286875293

■ 4283784349

■ 4287861917

■ 4282731933

■ 4288914333

■ 4281679773

■ 4289966493

■ 4280627613

■ 4291018653

■ 4279640989

■ 4292005277

■ 4278588829

■ 4293057437

■ 4278194077

■ 4294109597

■ 4294965405

Harmonies

Analogous

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



4284120734



4285823133



4287328915

Triad

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



4285823133



4288377183



4283597939

Complementary

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



4285823133



4288518516

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.



4284908130



4285823133



4287526742

Square

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



4285823133



4288703855



4286283095



4282615174

Rectangle

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



4285823133



4288114568



4286283095



4283991149

Sweetspot

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



4285823133



4290559436



4285832601



4284243302



4293322470



4284900966

Same Dimension

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



4285823133



4287468492



4286870685



4282861647



4278193807



4278190351

Inverse Universe

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



4288509048



4291595667



4287470964



4283385672



4287561742



4279173121

Previews

White Background



This preview shows how the Android color 4285823133 looks on a white background.

Color Contrast Check

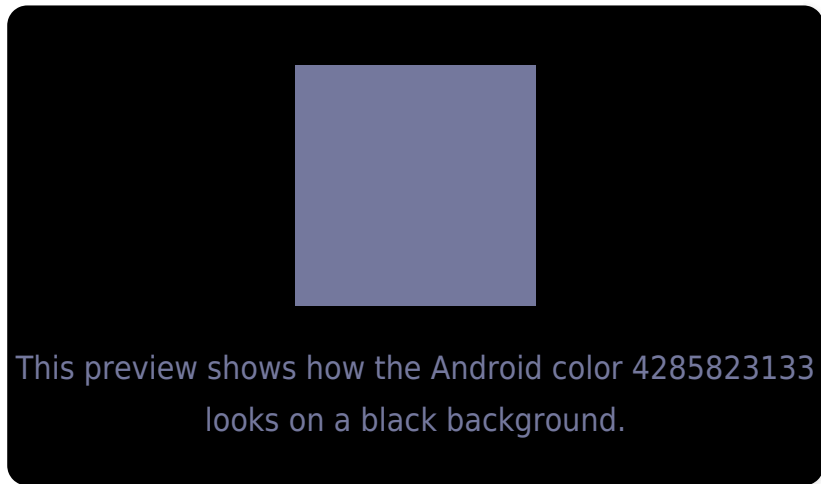
Large Text (above 18pt) WCAG AA ✓ Pass

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

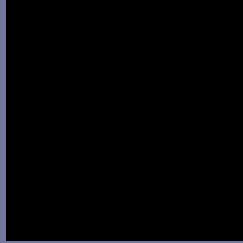
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

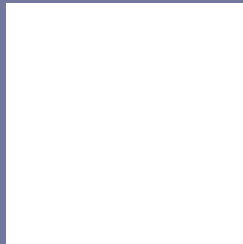
Any Text WCAG AAA × Fail

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

Android 4285823133 Background



This preview shows how black text looks on a background with the Android color 4285823133.



This preview shows how white text looks on a background with the Android color 4285823133.

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
4285823133

Protanopia
4285626782

Deuteranopia
4285823133

Trichromacy



Original Color
4285823133

Protanomaly
4285692318

Deuteranomaly
4285823133

Tritanomaly
4285627278

Monochromacy



Original Color
4285823133

Achromatopsia
4286282619

Achromatomaly
4286085767

CSS Examples

Text

The CSS property to change the color of the text to Android 4285823133 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(116, 120, 157)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 157)  
}
```

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(116, 120, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 157) }
```

Border

The CSS property to change the border of an element to Android 4285823133 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(116, 120, 157) }
```

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

```
.border{ border-color:rgb(116, 120, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 120, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 120, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 120, 157);  
box-shadow:4px 4px 4px 4px rgb(116, 120,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4285823133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 157) }
```

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

```
.background{ background-color: rgb(116,  
120, 157) }
```

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