

Converting Colors

Android(4286933703)

Have a look what the booklet for
Android(4286933703) contains.

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Color

Android(4286933703)

Conversions

Conversions Part 1

Format	Color
Hex	856AC7
RGB	133, 106, 199
RGB Percent	52%, 42%, 78%
CMY	0.4784, 0.5843, 0.2196
CMYK	0.33, 0.47, 0.00, 0.22
HSL	257°, 45%, 60%
HSV	257°, 47%, 78%
XYZ	25.1357, 19.4181, 56.4561
YIQ	124.6750, -13.7610, 34.6470

Conversions

Conversions Part 2

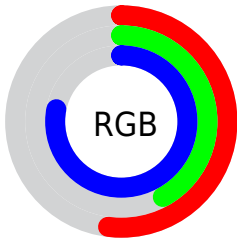
Format	Color
R_{YB}	133, 106, 199
Decimal	8743623
CIE _{Lab}	51.17, 31.40, -44.86
CIE _{LCh}	51, 54.757, 304.990
Yxy	19.4181, 0.2488, 0.1922
Android (android.graphics.Color)	4286933703 (0xFF856AC7)
YUV	124.6750, 36.6422, 7.3010
Hunter-Lab	44.0660, 24.7027, -45.1144

Details

The Android color `4286933703` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4289513322`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4290617087`, and `4283382416` is the 20% darker color. If you saturate the color by 10%, you get `4286011079`, and if you desaturate by 10%, it is `4287856327`.

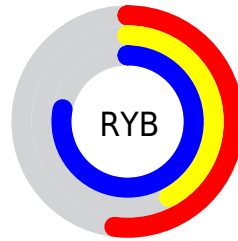
Distribution



Red (52%)

Green (42%)

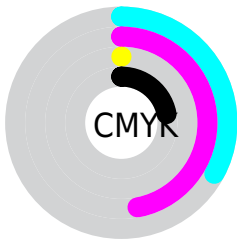
Blue (78%)



Red (52%)

Yellow (42%)

Blue (78%)

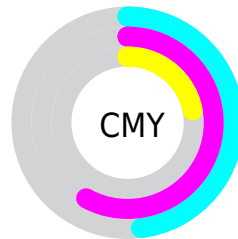


Cyan (33%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286933703 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 4286933703 by changing the saturation by 10% instead.



4286933703



4286933703

4294967295



4285157803



4290617087



4283382416



4292459007



4281672566



4294366719



4279701085



4294963711



4278190149



4278190894



4278190360



4278190080



4286933703



4286933703

4286011079

4287856327

4285088455

4288778951

4284165831

4289701575

4283243207

4290624199

4282255303

4291612359

4281991367

4292534727

4293457351

4294377415

4294967239

Harmonies

Analogous

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



4278222295



4286933703



4290270882

Triad

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



4286933703



4289751329



4278227073

Complementary

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



4286933703



4289513322

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.



4278226256



4286933703



4287265291

Square

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



4286933703



4291384903



4284122662



4278226862

Rectangle

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



4286933703



4291382660



4284122662



4278226800

Sweetspot

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



4286933703



4293319679



4285181383



4285557376



4278190080



4286611584

Same Dimension

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



4286933703



4288311551



4289948359



4284242531



4281270435



4278845476

Inverse Universe

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



4291259052



4294930646



4286498666



4284701281



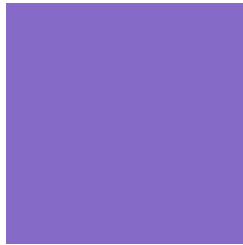
4288872564



4280549401

Previews

White Background



This preview shows how the Android color 4286933703 looks on a white background.

Color Contrast Check

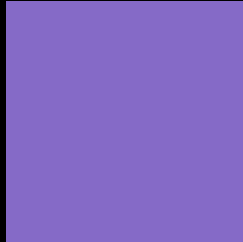
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286933703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

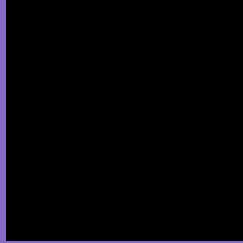
Any Text WCAG AA ✓ Pass

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 4286933703 Background



This preview shows how black text looks on a background with the Android color 4286933703.

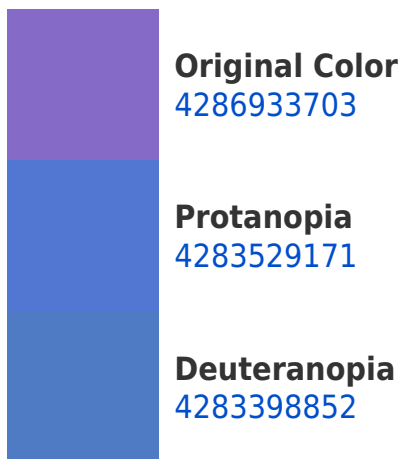


This preview shows how white text looks on a background with the Android color 4286933703.

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



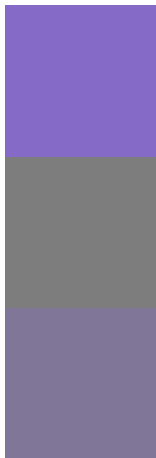
Original Color
4286933703

Protanomaly
4284773071

Deuteranomaly
4284708037

Tritanomaly
4286346396

Monochromacy



Original Color
4286933703

Achromatopsia
4286414205

Achromatomaly
4286609048

CSS Examples

Text

The CSS property to change the color of the text to Android 4286933703 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(133, 106, 199)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 199)  
}
```

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(133, 106, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 199) }
```

Border

The CSS property to change the border of an element to Android 4286933703 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(133, 106, 199) }
```

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

```
.border{ border-color:rgb(133, 106, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 199);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
199) }
```

Background

The CSS property to change the background color of an element to Android 4286933703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 199) }
```

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

```
.background{ background-color: rgb(133,  
106, 199) }
```

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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