

Converting Colors

Android(4286676403)

Have a look what the booklet for
Android(4286676403) contains.

Android(4286676403)	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(4286676403)

Conversions

Conversions Part 1

Format	Color
Hex	817DB3
RGB	129, 125, 179
RGB Percent	51%, 49%, 70%
CMY	0.4941, 0.5098, 0.2980
CMYK	0.28, 0.30, 0.00, 0.30
HSL	244°, 26%, 60%
HSV	244°, 30%, 70%
XYZ	24.5236, 22.5890, 45.7154
YIQ	132.3520, -14.9500, 17.6420

Conversions

Conversions Part 2

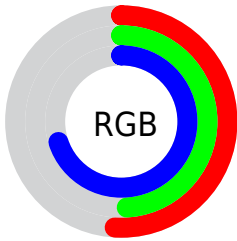
Format	Color
RYB	129, 125, 179
Decimal	8486323
CIELab	54.65, 13.80, -27.96
CIElCh	55, 31.177, 296.273
Yxy	22.5890, 0.2642, 0.2433
Android (android.graphics.Color)	4286676403 (0xFF817DB3)
YUV	132.3520, 22.9975, -2.9397
Hunter-Lab	47.5279, 8.9290, -23.7594

Details

The Android color `4286676403` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289704829`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4290228971`, and `4283321470` is the 20% darker color. If you saturate the color by 10%, you get `4285557683`, and if you desaturate by 10%, it is `4287795123`.

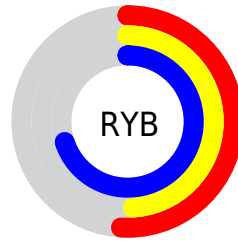
Distribution



Red (51%)

Green (49%)

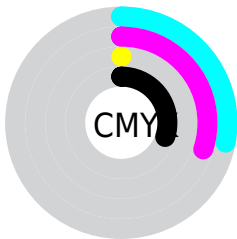
Blue (70%)



Red (51%)

Yellow (49%)

Blue (70%)

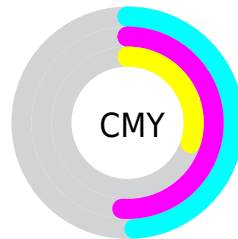


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286676403 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 4286676403 by changing the saturation by 10% instead.

■ 4286676403

■ 4286676403

4294967295

■ 4284966040

■ 4290228971

■ 4283321470

■ 4292070911

■ 4281742949

■ 4293978623

■ 4280098893

■ 4278520374

■ 4278190624

■ 4278190084

■ 4278190080

■ 4286676403

■ 4286676403

■ 4285557683

■ 4287795123

■ 4284504499

■ 4288848307

■ 4283385779

■ 4289967027

■ 4282332595

■ 4291020211

■ 4281213875

■ 4292138675

■ 4280160947

■ 4293191859

■ 4279042227

■ 4294310579

■ 4294967219

Harmonies

Analogous

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



4283860664



4286676403



4288836769

Triad

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



4286676403



4289492823



4281897342

Complementary

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



4286676403



4289704829

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.



4284255844



4286676403



4288184397

Square

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



4286676403



4290211692



4286351441



4279210394

Rectangle

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



4286676403



4289687440



4286351441



4282749045

Sweetspot

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



4286676403



4292203496



4286427059



4285098101



4294309365



4285887861

Same Dimension

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



4286676403



4288386536



4288445875



4283519065



4278911129



4278321178

Inverse Universe

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



4289953199



4293432802



4287935357



4284043353



4288217230



4279894040

Previews

White Background



This preview shows how the Android color 4286676403 looks on a white background.

Color Contrast Check

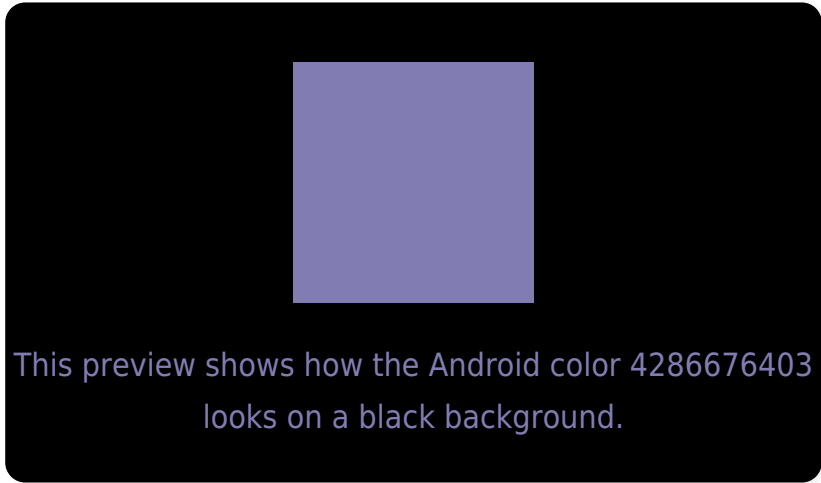
Large Text (above 18pt) WCAG AA ✓ Pass

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

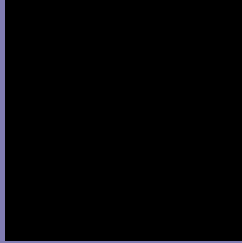
Any Text WCAG AA ✓ Pass

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 4286676403 Background



This preview shows how black text looks on a background with the Android color 4286676403.



This preview shows how white text looks on a background with the Android color 4286676403.

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](#).

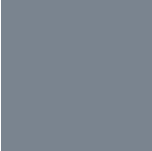
Dichromacy



Original Color
4286676403

Protanopia
4285759926

Deuteranopia
4285825458



Tritanopia
4286219407

Trichromacy



Original Color

4286676403

Protanomaly

4286087349

Deuteranomaly

4286152882

Tritanomaly

4286415260

Monochromacy



Original Color

4286676403

Achromatopsia

4286874756

Achromatomaly

4286808469

CSS Examples

Text

The CSS property to change the color of the text to Android 4286676403 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(129, 125, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 179)  
}
```

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(129, 125, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 179) }
```

Border

The CSS property to change the border of an element to Android 4286676403 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(129, 125, 179) }
```

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

```
.border{ border-color:rgb(129, 125, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 125, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4286676403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 179) }
```

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

```
.background{ background-color: rgb(129,  
125, 179) }
```

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