

Converting Colors

Android(4286873837)

Have a look what the booklet for
Android(4286873837) contains.

Android(4286873837)	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(4286873837)

Conversions

Conversions Part 1

Format	Color
Hex	8480ED
RGB	132, 128, 237
RGB Percent	52%, 50%, 93%
CMY	0.4824, 0.4980, 0.0706
CMYK	0.44, 0.46, 0.00, 0.07
HSL	242°, 75%, 72%
HSV	242°, 46%, 93%
XYZ	32.5210, 26.4583, 83.5137
YIQ	141.6220, -32.6050, 34.7470

Conversions

Conversions Part 2

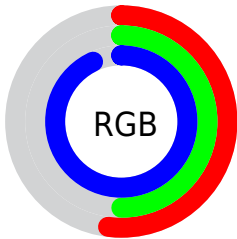
Format	Color
R _Y B	132, 128, 237
Decimal	8683757
CIE Lab	58.47, 28.72, -54.68
CIE LCh	58, 61.765, 297.713
Yxy	26.4583, 0.2282, 0.1857
Android (android.graphics.Color)	4286873837 (0xFF8480ED)
YUV	141.6220, 47.0214, -8.4385
Hunter-Lab	51.4376, 22.8391, -60.2564

Details

The Android color `4286873837` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293520768`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4290688511`, and `4283060148` is the 20% darker color. If you saturate the color by 10%, you get `4285360365`, and if you desaturate by 10%, it is `4288387309`.

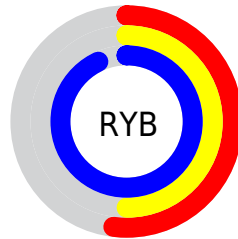
Distribution



Red (52%)

Green (50%)

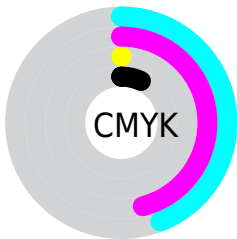
Blue (93%)



Red (52%)

Yellow (50%)

Blue (93%)

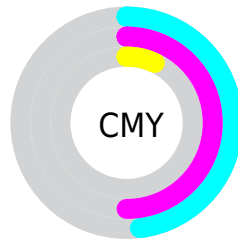


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (48%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286873837 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 4286873837 by changing the saturation by 10% instead.

 4286873837

 4286873837

4294967295

 4284966864

 4290688511

 4283060148

 4292595967

 4280957081

 4294569471

 4278199167

 4278194021

 4278190156

 4278191412

 4278190622

 4278190081

■ 4286873837

■ 4286873837

■ 4285360365

■ 4288387309

■ 4283847149

■ 4289900525

■ 4282399213

■ 4291348461

■ 4280885741

■ 4292861933

■ 4279372269

■ 4294375149

■ 4278780141

■ 4294967277

Harmonies

Analogous

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



4278228217



4286873837



4291455175

Triad

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



4286873837



4292113199



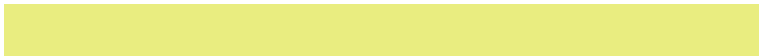
4278232711

Complementary

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



4286873837



4293520768

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.



4280197455



4286873837



4289431818

Square

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



4286873837



4293615198



4285962272



4278232766

Rectangle

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



4286873837



4293090213



4285962272



4278232436

Sweetspot

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



4286873837



4292729855



4286638573



4285229696



4278190080



4286611584

Same Dimension

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



4286873837



4286084095



4290412781



4285164149



4278649013



4278321206

Inverse Universe

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



4293755113



4294931450



4289981824



4285885045



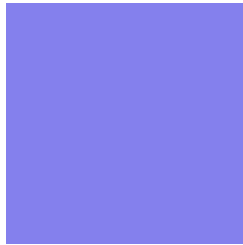
4290052270



4281729076

Previews

White Background



This preview shows how the Android color 4286873837 looks on a white background.

Color Contrast Check

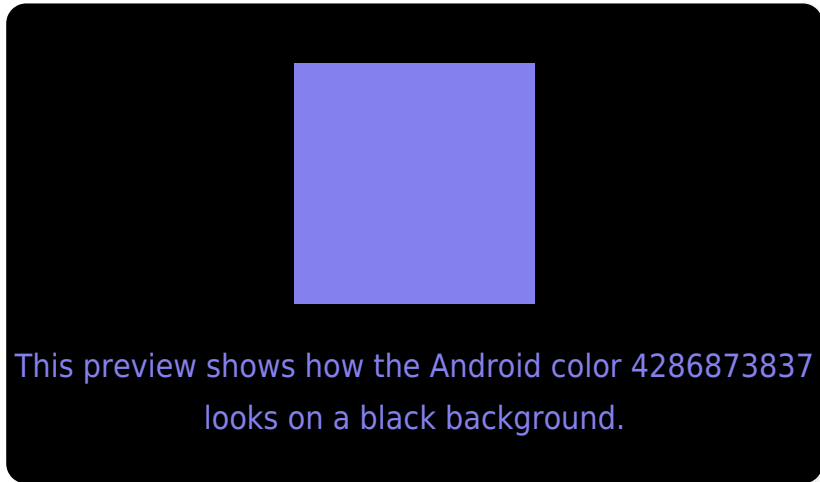
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286873837 Background



This preview shows how black text looks on a background with the Android color 4286873837.

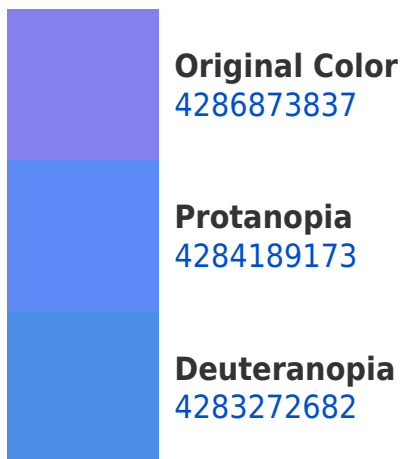


This preview shows how white text looks on a background with the Android color 4286873837.

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
4286873837

Protanomaly
4285171442

Deuteranomaly
4284582123

Tritanomaly
4286024635

Monochromacy



Original Color
4286873837

Achromatopsia
4287532686

Achromatomaly
4287269297

CSS Examples

Text

The CSS property to change the color of the text to Android 4286873837 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(132, 128, 237)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 237)  
}
```

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(132, 128, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 237) }
```

Border

The CSS property to change the border of an element to Android 4286873837 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(132, 128, 237) }
```

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

```
.border{ border-color:rgb(132, 128, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 128, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 128, 237); box-shadow:4px 4px 4px 4px rgb(132, 128, 237) }
```

Background

The CSS property to change the background color of an element to Android 4286873837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 237) }
```

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

```
.background{ background-color: rgb(132,  
128, 237) }
```

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