

Converting Colors

Android(4286011870)

Have a look what the booklet for
Android(4286011870) contains.

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Color

Android(4286011870)

Conversions

Conversions Part 1

Format	Color
Hex	7759DE
RGB	119, 89, 222
RGB Percent	47%, 35%, 87%
CMY	0.5333, 0.6510, 0.1294
CMYK	0.46, 0.60, 0.00, 0.13
HSL	254°, 67%, 61%
HSV	254°, 60%, 87%
XYZ	24.3649, 16.3406, 70.9771
YIQ	113.1320, -24.8130, 47.7230

Conversions

Conversions Part 2

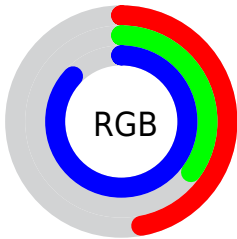
Format	Color
R_{YB}	119, 89, 222
Decimal	7821790
CIE _{Lab}	47.42, 44.27, -64.07
CIE _{LCh}	47, 77.877, 304.642
Yxy	16.3406, 0.2182, 0.1463
Android (android.graphics.Color)	4286011870 (0xFF7759DE)
YUV	113.1320, 53.6719, 5.1462
Hunter-Lab	40.4235, 36.8482, -75.8071

Details

The Android color `4286011870` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted purple. A complement of this color would be `4290829913`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4289826047`, and `4282001830` is the 20% darker color. If you saturate the color by 10%, you get `4284892126`, and if you desaturate by 10%, it is `4287131614`.

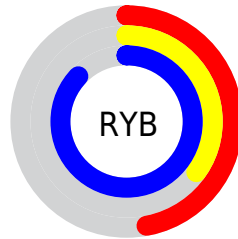
Distribution



Red (47%)

Green (35%)

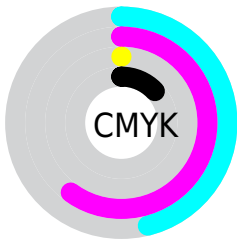
Blue (87%)



Red (47%)

Yellow (35%)

Blue (87%)

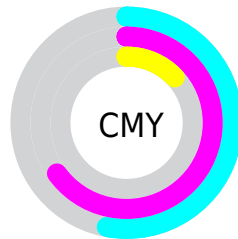


Cyan (46%)

Magenta (60%)

Yellow (0%)

Black (13%)



Cyan (53%)

Magenta (65%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286011870 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 4286011870 by changing the saturation by 10% instead.

 4286011870

 4286011870

4294967295

 4284105154

 4289826047

 4282001830

 4291799039

 4279308939

 4293772287

 4278190192

 4294959103

 4278190167

 4294966527

 4278191679

 4278190888

 4278190354

 4278190080

■ 4286011870

■ 4286011870

■ 4284892126

■ 4287131614

■ 4283772382

■ 4288251358

■ 4282586846

■ 4289436894

■ 4281467102

■ 4290556638

■ 4291676382

■ 4292796126

■ 4293915870

■ 4294967262

Harmonies

Analogous

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



4278220533



4286011870



4291046314

Triad

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



4286011870



4290008832



4278225785

Complementary

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



4286011870



4290829913

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.



4278224947



4286011870



4286607616

Square

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



4286011870



4292291625



4281827584



4278225850

Rectangle

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



4286011870



4292542591



4281827584



4278225762

Sweetspot

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



4286011870



4292596223



4284072414



4285162368



4278190080



4286611584

Same Dimension

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



4286011870



4285614079



4290271710



4285031792



4280811696



4278911024

Inverse Universe

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



4292762048



4294920150



4286570073



4285556078



4289724552



4281335846

Previews

White Background



This preview shows how the Android color 4286011870 looks on a white background.

Color Contrast Check

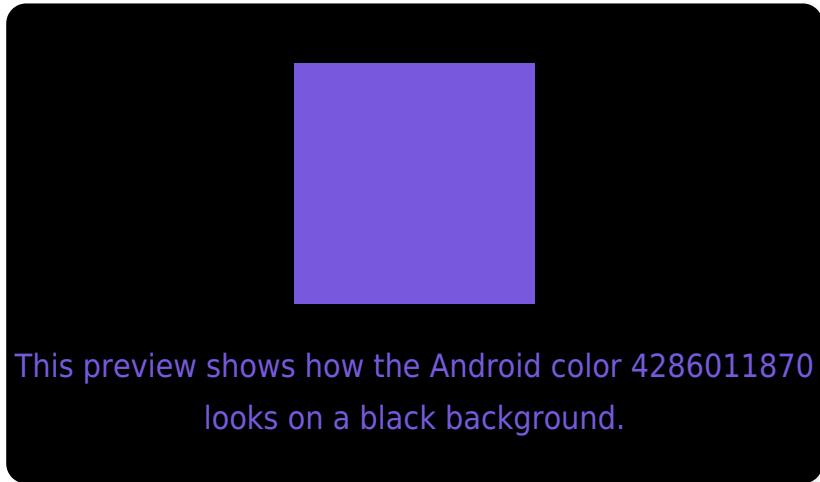
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4286011870 Background



This preview shows how black text looks on a background with the Android color 4286011870.

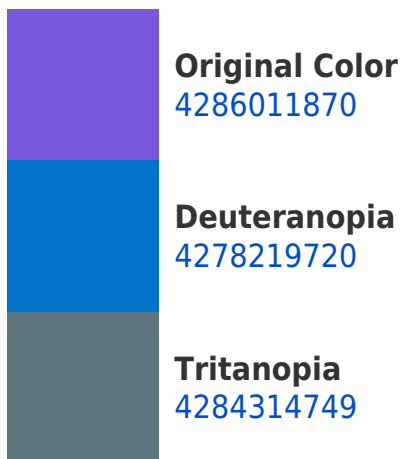


This preview shows how white text looks on a background with the Android color 4286011870.

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
4286011870

Deuteranomaly
4281035472

Tritanomaly
4284902048

Monochromacy



Original Color
4286011870

Achromatopsia
4285624689

Achromatomaly
4285753497

CSS Examples

Text

The CSS property to change the color of the text to Android 4286011870 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(119, 89, 222)` looks like.

```
.text, #text, p{  
    color:rgb(119, 89, 222)  
}
```

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(119, 89, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 89, 222) }
```

Border

The CSS property to change the border of an element to Android 4286011870 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(119, 89, 222) }
```

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

```
.border{ border-color:rgb(119, 89, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 89, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 89, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 89, 222);  
box-shadow:4px 4px 4px 4px rgb(119, 89,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4286011870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 89, 222) }
```

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

```
.background{ background-color: rgb(119, 89,  
222) }
```

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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