

Converting Colors

Android(4286815470)

Have a look what the booklet for
Android(4286815470) contains.

Android(4286815470)	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(4286815470)

Conversions

Conversions Part 1

Format	Color
Hex	839CEE
RGB	131, 156, 238
RGB Percent	51%, 61%, 93%
CMY	0.4863, 0.3882, 0.0667
CMYK	0.45, 0.34, 0.00, 0.07
HSL	226°, 76%, 72%
HSV	226°, 45%, 93%
XYZ	36.6812, 34.7753, 85.6679
YIQ	157.8730, -41.2220, 20.2020

Conversions

Conversions Part 2

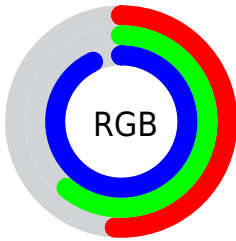
Format	Color
R_{YB}	131, 151, 238
Decimal	8625390
CIE _{Lab}	65.57, 12.42, -43.99
CIE _{LCh}	66, 45.712, 285.768
Yxy	34.7753, 0.2335, 0.2213
Android (android.graphics.Color)	4286815470 (0xFF839CEE)
YUV	157.8730, 39.5026, -23.5676
Hunter-Lab	58.9706, 7.8329, -44.8526

Details

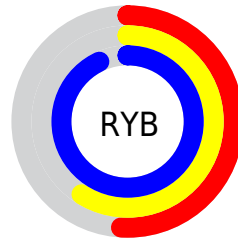
The Android color `4286815470` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293842307`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4290564863`, and `4283066806` is the 20% darker color. If you saturate the color by 10%, you get `4285237998`, and if you desaturate by 10%, it is `4288392942`.

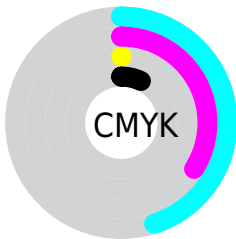
Distribution



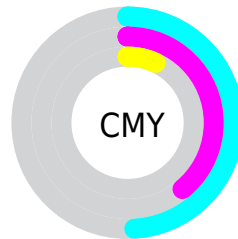
- Red (51%)
- Green (61%)
- Blue (93%)



- Red (51%)
- Yellow (59%)
- Blue (93%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286815470 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 4286815470 by changing the saturation by 10% instead.

 4286815470

 4286815470

4294967295

 4284973777

 4290564863

 4283066806

 4292472831

 4281029018

 4294443007

 4278205312

 4278199911

 4278194766

 4278191415

 4278190624

 4278190085

■ 4286815470

■ 4286815470

■ 4285237998

■ 4288392942

■ 4283660526

■ 4289970414

■ 4282148334

■ 4291482606

■ 4280570862

■ 4293060078

■ 4278993390

■ 4294637550

■ 4278204654

■ 4294967278

Harmonies

Analogous

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



4279609838



4286815470



4290677977

Triad

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



4286815470



4293101414



4281578378

Complementary

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



4286815470



4293842307

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.



4285902436



4286815470



4291401295

Square

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



4286815470



4293754507



4288914510



4278236340

Rectangle

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



4286815470



4292379586



4288914510



4283347580

Sweetspot

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



4286815470



4292798207



4286836435



4285231232



4278190080



4286611584

Same Dimension

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



4286815470



4285896191



4288578542



4285296504



4278201272



4278193464

Inverse Universe

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



4293821340



4294931861



4292079235



4286082159



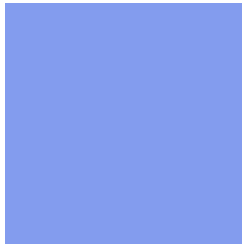
4290248747



4281860109

Previews

White Background



This preview shows how the Android color 4286815470 looks on a white background.

Color Contrast Check

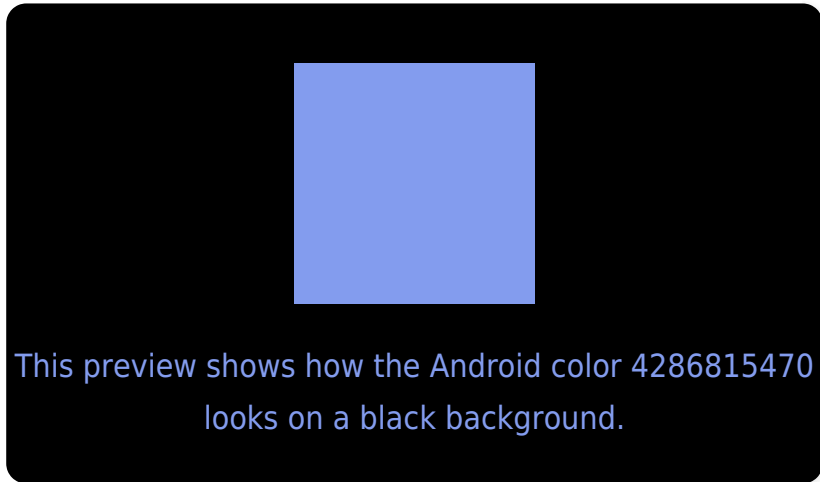
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Android 4286815470 Background



This preview shows how black text looks on a background with the Android color 4286815470.



This preview shows how white text looks on a background with the Android color 4286815470.

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

4286815470

Protanopia

4286815470

Deuteranopia

4286291694

Trichromacy



Original Color
4286815470

Protanomaly
4286815470

Deuteranomaly
4286488046

Tritanomaly
4286161866

Monochromacy



Original Color
4286815470

Achromatopsia
4288585374

Achromatomaly
4287929787

CSS Examples

Text

The CSS property to change the color of the text to Android 4286815470 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(131, 156, 238)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 238)  
}
```

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(131, 156, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 238) }
```

Border

The CSS property to change the border of an element to Android 4286815470 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(131, 156, 238) }
```

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

```
.border{ border-color:rgb(131, 156, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 238);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4286815470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 238) }
```

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

```
.background{ background-color: rgb(131,  
156, 238) }
```

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