

Converting Colors

Android(4287018447)

Have a look what the booklet for
Android(4287018447) contains.

Android(4287018447)	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(4287018447)

Conversions

Conversions Part 1

Format	Color
Hex	86B5CF
RGB	134, 181, 207
RGB Percent	53%, 71%, 81%
CMY	0.4745, 0.2902, 0.1882
CMYK	0.35, 0.13, 0.00, 0.19
HSL	201°, 43%, 67%
HSV	201°, 35%, 81%
XYZ	37.6179, 42.6211, 65.2755
YIQ	169.9110, -36.3580, -1.8780

Conversions

Conversions Part 2

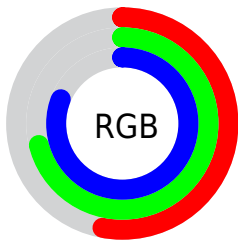
Format	Color
RYB	134, 163, 207
Decimal	8828367
CIELab	71.30, -9.18, -18.13
CIELCh	71, 20.318, 243.150
Yxy	42.6211, 0.2585, 0.2929
Android (android.graphics.Color)	4287018447 (0xFF86B5CF)
YUV	169.9110, 18.2849, -31.4939
Hunter-Lab	65.2848, -11.3946, -13.5822

Details

The Android color `4287018447` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4291797126`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4290637311`, and `4283531417` is the 20% darker color. If you saturate the color by 10%, you get `4285640399`, and if you desaturate by 10%, it is `4288396495`.

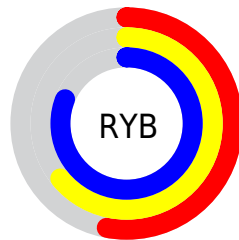
Distribution



Red (53%)

Green (71%)

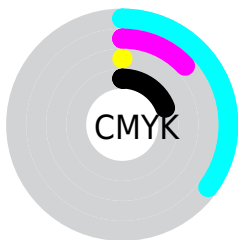
Blue (81%)



Red (53%)

Yellow (64%)

Blue (81%)

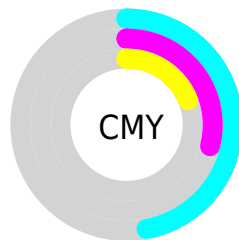


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (47%)

Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287018447 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 4287018447 by changing the saturation by 10% instead.



4287018447



4287018447

4294967295



4285242035



4290637311



4283531417



4292542463



4281821055



4294443007



4279914342



4278204494



4278199095



4278192929



4278190088



4278190080

■ 4287018447

■ 4287018447

■ 4285640399

■ 4288396495

■ 4284327631

■ 4289709263

■ 4282949583

■ 4291087311

■ 4281571535

■ 4292465359

■ 4280193231

■ 4293843663

■ 4278880719

■ 4294959567

■ 4278224335

■ 4294961615

■ 4294963407

■ 4294965199

Harmonies

Analogous

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



4286363842



4287018447



4288458963

Triad

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



4287018447



4292125101



4289115279

Complementary

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



4287018447



4291797126

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.



4290489994



4287018447



4292125595

Square

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



4287018447



4291339456



4291537038



4287740061

Rectangle

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



4287018447



4289506256



4291537038



4289573516

Sweetspot

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



4287018447



4293129727



4287025056



4285495936



4278190080



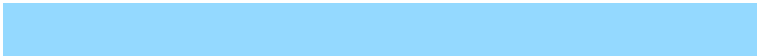
4286611584

Same Dimension

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



4287018447



4287945215



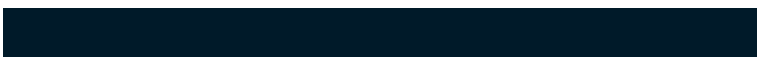
4287009231



4284376425



4278217896



4278196777

Inverse Universe

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



4291790517



4294939865



4291806342



4285095525



4289200236



4280877082

Previews

White Background



This preview shows how the Android color 4287018447 looks on a white background.

Color Contrast Check

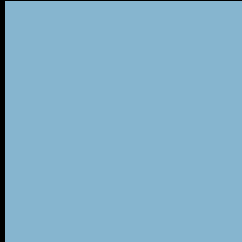
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287018447 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 ✓ Pass

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

Android 4287018447 Background



This preview shows how black text looks on a background with the Android color 4287018447.



This preview shows how white text looks on a background with the Android color 4287018447.

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
4287018447

Protanopia
4289310153

Deuteranopia
4289571537

Trichromacy



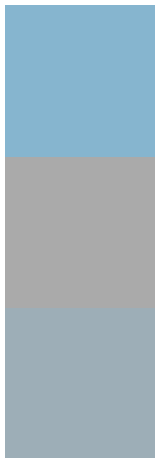
Original Color
4287018447

Protanomaly
4288458955

Deuteranomaly
4288655056

Tritanomaly
4286953161

Monochromacy



Original Color
4287018447

Achromatopsia
4289374890

Achromatomaly
4288523959

CSS Examples

Text

The CSS property to change the color of the text to Android 4287018447 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(134, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(134, 181, 207)  
}
```

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(134, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 181, 207) }
```

Border

The CSS property to change the border of an element to Android 4287018447 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(134, 181, 207) }
```

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

```
.border{ border-color:rgb(134, 181, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 181, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 181, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 181, 207);  
box-shadow:4px 4px 4px 4px rgb(134, 181,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4287018447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 181, 207) }
```

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

```
.background{ background-color: rgb(134,  
181, 207) }
```

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