

Converting Colors

Android(4287016677)

Have a look what the booklet for
Android(4287016677) contains.

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Color

Android(4287016677)

Conversions

Conversions Part 1

Format	Color
Hex	86AEE5
RGB	134, 174, 229
RGB Percent	53%, 68%, 90%
CMY	0.4745, 0.3176, 0.1020
CMYK	0.41, 0.24, 0.00, 0.10
HSL	215°, 65%, 71%
HSV	215°, 41%, 90%
XYZ	39.1104, 40.9976, 79.9807
YIQ	168.3100, -41.4950, 8.6250

Conversions

Conversions Part 2

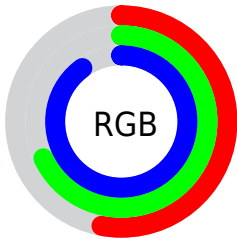
Format	Color
RYB	134, 162, 229
Decimal	8826597
CIELab	70.17, 0.46, -31.88
CIElCh	70, 31.883, 270.818
Yxy	40.9976, 0.2443, 0.2561
Android (android.graphics.Color)	4287016677 (0xFF86AEE5)
YUV	168.3100, 29.9202, -30.0899
Hunter-Lab	64.0294, -3.0200, -29.2401

Details

The Android color `4287016677` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293246342`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290700799`, and `4283398829` is the 20% darker color. If you saturate the color by 10%, you get `4285506021`, and if you desaturate by 10%, it is `4288527333`.

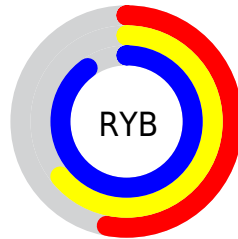
Distribution



Red (53%)

Green (68%)

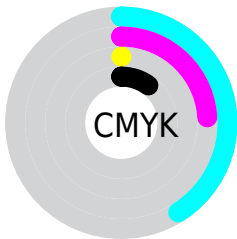
Blue (90%)



Red (53%)

Yellow (64%)

Blue (90%)

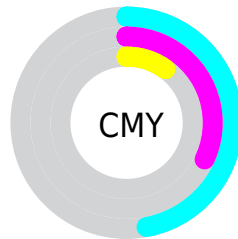


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (47%)















Magenta (32%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287016677 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 4287016677 by changing the saturation by 10% instead.

 4287016677	 4287016677
4294967295	 4285174729
 4290700799	 4283398829
 4292607999	 4281491859
 4294508543	 4279192185
	 4278203232
	 4278198088
	 4278191153
	 4278190363
	 4278190080

■ 4287016677

■ 4287016677

■ 4285506021

■ 4288527333

■ 4283995109

■ 4290038245

■ 4282484453

■ 4291548901

■ 4280973797

■ 4293059557

■ 4279528677

■ 4294570213

■ 4278214885

■ 4294967013

■ 4294967269

Harmonies

Analogous

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



4284266205



4287016677



4289766621

Triad

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



4287016677



4293171343



4286495118

Complementary

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



4287016677



4293246342

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.



4288721785



4287016677



4292321402

Square

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



4287016677



4293105324



4290751089



4284332971

Rectangle

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



4287016677



4291337680



4290751089



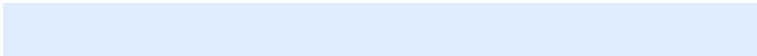
4287281030

Sweetspot

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



4287016677



4292931071



4287030716



4285429120



4278190080



4286611584

Same Dimension

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



4287016677



4286625279



4287399653



4284968051



4278209459



4278195507

Inverse Universe

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



4293232302



4294934709



4292863366



4285753196



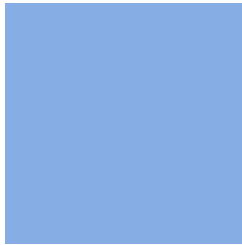
4289921099



4281532437

Previews

White Background



This preview shows how the Android color 4287016677 looks on a white background.

Color Contrast Check

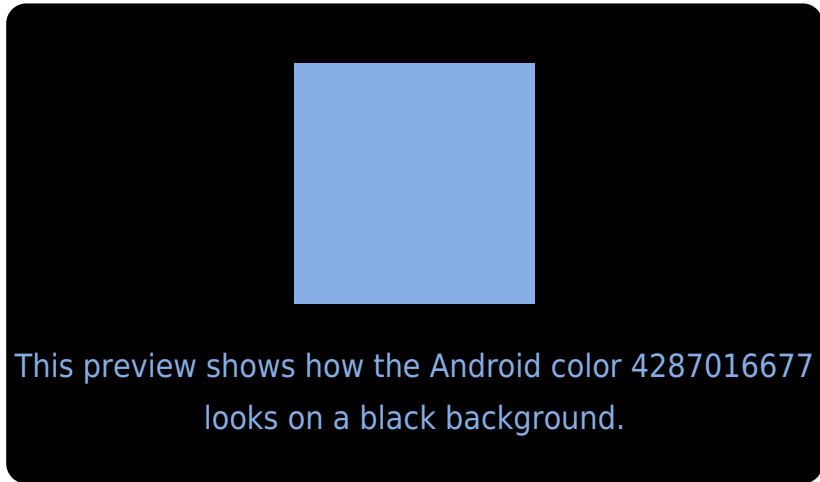
Large Text (above 18pt) WCAG AA × Fail

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

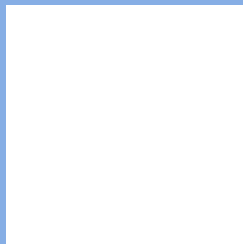
Any Text WCAG AAA ✓ Pass

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

Android 4287016677 Background



This preview shows how black text looks on a background with the Android color 4287016677.



This preview shows how white text looks on a background with the Android color 4287016677.

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
4287016677

Protanopia
4288457185

Deuteranopia
4288391654

Trichromacy



Original Color
4287016677

Protanomaly
4287933410

Deuteranomaly
4287867878

Tritanomaly
4286624463

Monochromacy



Original Color
4287016677

Achromatopsia
4289243304

Achromatomaly
4288457406

CSS Examples

Text

The CSS property to change the color of the text to Android 4287016677 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, 174, 229)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 229)  
}
```

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, 174, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 229) }
```

Border

The CSS property to change the border of an element to Android 4287016677 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, 174, 229) }
```

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

```
.border{ border-color:rgb(134, 174, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 229);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4287016677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 229) }
```

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

```
.background{ background-color: rgb(134,  
174, 229) }
```

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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