

Converting Colors

Android(4286818022)

Have a look what the booklet for
Android(4286818022) contains.

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Color

Android(4286818022)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 83A6E6 |
| RGB | 131, 166, 230 |
| RGB Percent | 51%, 65%, 90% |
| CMY | 0.4863, 0.3490, 0.0980 |
| CMYK | 0.43, 0.28, 0.00, 0.10 |
| HSL | 219°, 66%, 71% |
| HSV | 219°, 43%, 90% |
| XYZ | 37.2792, 37.8109, 80.1963 |
| YIQ | 162.8310, -41.4040, 12.4840 |

Conversions

Conversions Part 2

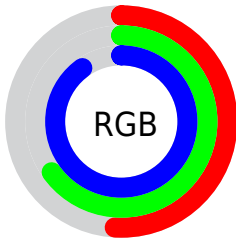
| Format | Color |
|-------------------------------------|---|
| RYB | 131, 157, 230 |
| Decimal | 8627942 |
| CIELab | 67.88, 4.44, -36.00 |
| CIELCh | 68, 36.269, 277.036 |
| Yxy | 37.8109, 0.2401, 0.2435 |
| Android (android.graphics.Color) | 4286818022 (0xFF83A6E6) |
| YUV | 162.8310, 33.1143, -27.9158 |
| Hunter-Lab | 61.4906, 0.6088, -34.2829 |

Details

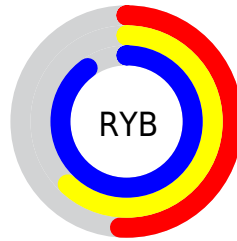
The Android color `4286818022` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293313411`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4290502143`, and `4283134638` is the 20% darker color. If you saturate the color by 10%, you get `4285306854`, and if you desaturate by 10%, it is `4288329190`.

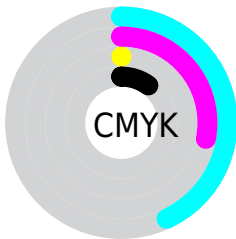
Distribution



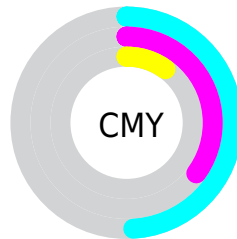
- Red (51%)
- Green (65%)
- Blue (90%)



- Red (51%)
- Yellow (62%)
- Blue (90%)



- Cyan (43%)
- Magenta (28%)
- Yellow (0%)
- Black (10%)

















- Cyan (49%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286818022 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 4286818022 by changing the saturation by 10% instead.

| | |
|--|--|
|  4286818022 |  4286818022 |
| 4294967295 |  4284976330 |
|  4290502143 |  4283134638 |
|  4292409855 |  4281227923 |
|  4294377471 |  4278469497 |
| |  4278201696 |
| |  4278196552 |
| |  4278191153 |
| |  4278190363 |
| |  4278190080 |

■ 4286818022

■ 4286818022

■ 4285306854

■ 4288329190

■ 4283795686

■ 4289840358

■ 4282284518

■ 4291351526

■ 4280773606

■ 4292862438

■ 4279262438

■ 4294373606

■ 4278211046

■ 4294967270

Harmonies

Analogous

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



4283085025



4286818022



4289960666

Triad

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



4286818022



4293038208



4285052299

Complementary

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



4286818022



4293313411

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.



4287672176



4286818022



4291861354

Square

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



4286818022



4293233823



4290029156



4282103724

Rectangle

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



4286818022



4291597257



4290029156



4285969281

Sweetspot

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



4286818022



4292799231



4286834370



4285231744



4278190080



4286611584

Same Dimension

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



4286818022



4286228991



4287661030



4284967795



4278206387



4278194739

Inverse Universe

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



4293297062



4294933161



4292470403



4285753195



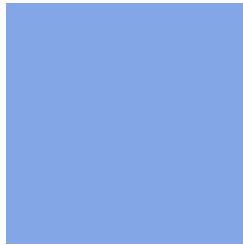
4289921087



4281532434

Previews

White Background



This preview shows how the Android color 4286818022 looks on a white background.

Color Contrast Check

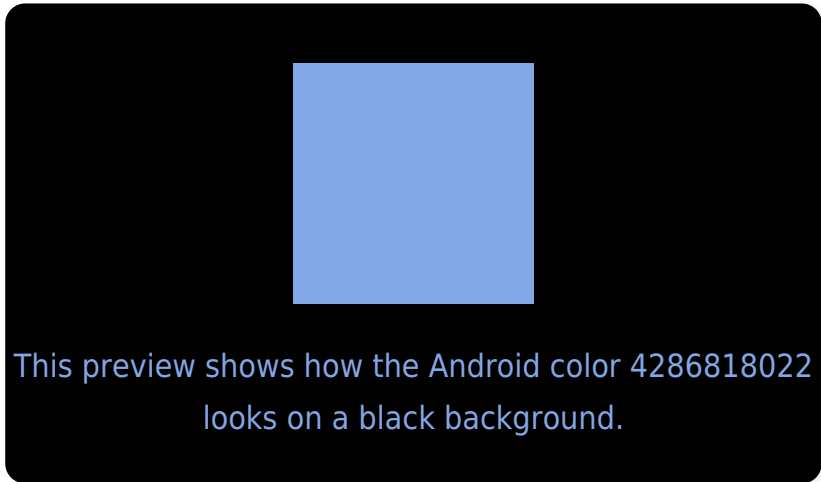
Large Text (above 18pt) WCAG AA × Fail

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 4286818022 Background



This preview shows how black text looks on a background with the Android color 4286818022.



This preview shows how white text looks on a background with the Android color 4286818022.

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
4286818022

Protanomaly
4287472868

Deuteranomaly
4287276263

Tritanomaly
4286360523

Monochromacy



Original Color
4286818022

Achromatopsia
4288914339

Achromatomaly
4288128187

CSS Examples

Text

The CSS property to change the color of the text to Android 4286818022 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, 166, 230)` looks like.

```
.text, #text, p{  
    color:rgb(131, 166, 230)  
}
```

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, 166, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 166, 230) }
```

Border

The CSS property to change the border of an element to Android 4286818022 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, 166, 230) }
```

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

```
.border{ border-color:rgb(131, 166, 230) }
```

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

Here you see how a box with a 4 pixel rgb(131, 166, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 166, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 166, 230);  
box-shadow:4px 4px 4px 4px rgb(131, 166,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4286818022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 166, 230) }
```

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

```
.background{ background-color: rgb(131,  
166, 230) }
```

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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