

Converting Colors

Android(4286821631)

Have a look what the booklet for
Android(4286821631) contains.

Android(4286821631)	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(4286821631)

Conversions

Conversions Part 1

Format	Color
Hex	83B4FF
RGB	131, 180, 255
RGB Percent	51%, 71%, 100%
CMY	0.4863, 0.2941, 0.0000
CMYK	0.49, 0.29, 0.00, 0.00
HSL	216°, 100%, 76%
HSV	216°, 49%, 100%
XYZ	43.7313, 44.6878, 100.9285
YIQ	173.8990, -53.2790, 12.9370

Conversions

Conversions Part 2

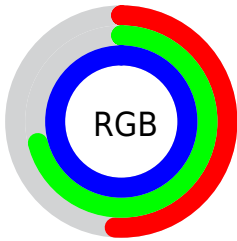
Format	Color
RYB	131, 166, 255
Decimal	8631551
CIELab	72.69, 3.73, -42.10
CIELCh	73, 42.265, 275.069
Yxy	44.6878, 0.2310, 0.2360
Android (android.graphics.Color)	4286821631 (0xFF83B4FF)
YUV	173.8990, 39.9828, -37.6224
Hunter-Lab	66.8489, -0.2143, -42.7217

Details

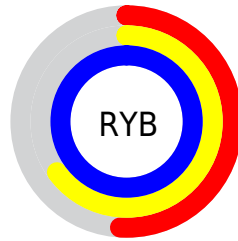
The Android color `4286821631` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294954627`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4290637055`, and `4282941638` is the 20% darker color. If you saturate the color by 10%, you get `4285179391`, and if you desaturate by 10%, it is `4288463871`.

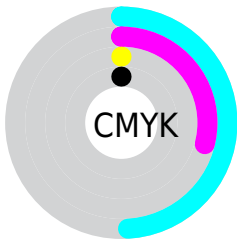
Distribution



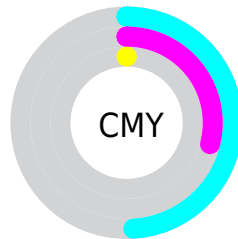
- Red (51%)
- Green (71%)
- Blue (100%)



- Red (51%)
- Yellow (65%)
- Blue (100%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286821631 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 4286821631 by changing the saturation by 10% instead.

 4286821631

 4286821631

4294967295

 4284914146

 4290637055

 4282941638

 4292607999

 4280641450

 4294574079

 4278210448

 4278204790

 4278199388

 4278193732

 4278190893

 4278190360

■ 4286821631

■ 4286821631

■ 4285179391

■ 4288463871

■ 4283471359

■ 4290171903

■ 4281829119

■ 4291879679

■ 4280121087

■ 4293522175

■ 4278478847

4294967295

■ 4278216191

Harmonies

Analogous

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



4281450488



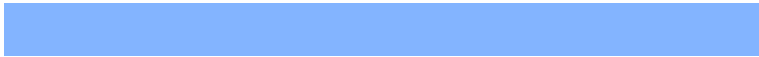
4286821631



4290750194

Triad

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



4286821631



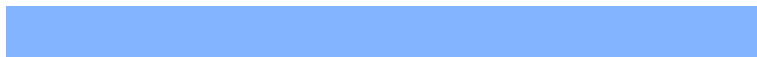
4294613384



4285252752

Complementary

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



4286821631



4294954627

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.



4288462193



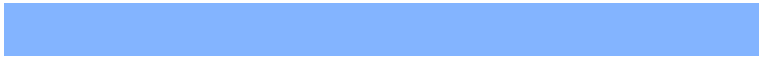
4286821631



4293305709

Square

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



4286821631



4294743213



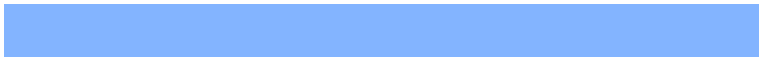
4291146340



4280928184

Rectangle

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



4286821631



4292713951



4291146340



4286431877

Sweetspot

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



4286821631



4292471039



4286840781



4285100672



4278190080



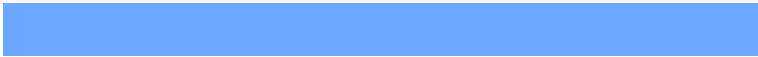
4286611584

Same Dimension

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



4286821631



4285245183



4287595519



4285757568



4278209727



4278196544

Inverse Universe

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



4294935476



4294929318



4294180739



4286608248



4290707532



4282384409

Previews

White Background



This preview shows how the Android color 4286821631 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 4286821631 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

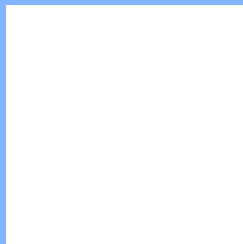
Any Text WCAG AAA ✓ Pass

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

Android 4286821631 Background



This preview shows how black text looks on a background with the Android color 4286821631.



This preview shows how white text looks on a background with the Android color 4286821631.

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
4286821631

Protanopia
4288327675

Deuteranopia
4287869183

Trichromacy



Original Color
4286821631

Protanomaly
4287803900

Deuteranomaly
4287476223

Tritanomaly
4286167775

Monochromacy



Original Color
4286821631

Achromatopsia
4289638062

Achromatomaly
4288590027

CSS Examples

Text

The CSS property to change the color of the text to Android 4286821631 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 255)  
}
```

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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 255) }
```

Border

The CSS property to change the border of an element to Android 4286821631 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, 180, 255) }
```

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

```
.border{ border-color:rgb(131, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4286821631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 255) }
```

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

```
.background{ background-color: rgb(131,  
180, 255) }
```

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