

Converting Colors

Android(4281314000)

Have a look what the booklet for
Android(4281314000) contains.

Android(4281314000)	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(4281314000)

Conversions

Conversions Part 1

Format	Color
Hex	2FAAD0
RGB	47, 170, 208
RGB Percent	18%, 67%, 82%
CMY	0.8157, 0.3333, 0.1843
CMYK	0.77, 0.18, 0.00, 0.18
HSL	194°, 63%, 50%
HSV	194°, 77%, 82%
XYZ	26.9322, 33.9079, 64.7999
YIQ	137.5550, -85.5060, -14.2580

Conversions

Conversions Part 2

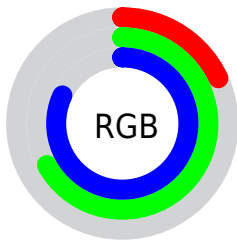
Format	Color
R _Y B	47, 117, 208
Decimal	3123920
CIE Lab	64.89, -20.25, -28.76
CIE LCh	65, 35.179, 234.852
Yxy	33.9079, 0.2144, 0.2699
Android (android.graphics.Color)	4281314000 (0xFF2FAAD0)
YUV	137.5550, 34.7294, -79.4167
Hunter-Lab	58.2305, -19.3452, -25.2177

Details

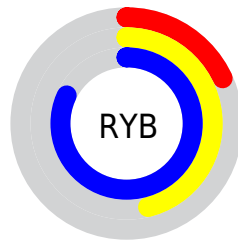
The Android color `4281314000` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4291843375`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285981183`, and `4278220441` is the 20% darker color. If you saturate the color by 10%, you get `4279936464`, and if you desaturate by 10%, it is `4282691536`.

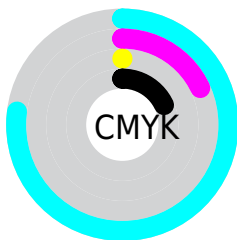
Distribution



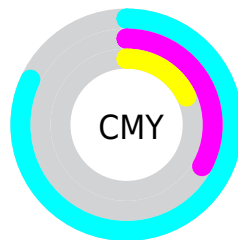
- Red (18%)
- Green (67%)
- Blue (82%)



- Red (18%)
- Yellow (46%)
- Blue (82%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)




















- Cyan (82%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281314000 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 4281314000 by changing the saturation by 10% instead.

 4281314000	 4281314000
 4294967295	 4278226868
 4285981183	 4278220441
 4287954687	 4278214015
 4289986559	 4278207846
 4291952639	 4278202190
 4293984255	 4278197303
	 4278190625
	 4278190087
	 4278190080

■ 4281314000

■ 4281314000

■ 4279936464

■ 4282691536

■ 4278558928

■ 4284069072

■ 4278230992

■ 4285381072

■ 4286758608

■ 4288136144

■ 4289513424

■ 4290890960

■ 4292202960

■ 4293580496

Harmonies

Analogous

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



4280200887



4281314000



4284981980

Triad

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



4281314000



4292248996



4288128099

Complementary

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



4281314000



4291843375

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.



4290222686



4281314000



4292577157

Square

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



4281314000



4290809026



4291792747



4285770360

Rectangle

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



4281314000



4287208410



4291792747



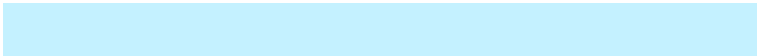
4288913760

Sweetspot

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



4281314000



4291097087



4281323605



4284249984



4278190080



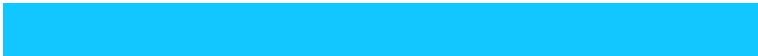
4286611584

Same Dimension

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



4281314000



4279420927



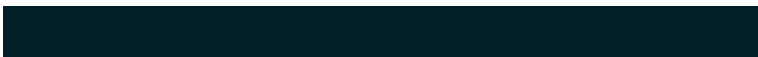
4281293520



4284376681



4278223272



4278198057

Inverse Universe

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



4291833770



4294906567



4291863855



4285095526



4289200257



4280877087

Previews

White Background



This preview shows how the Android color 4281314000 looks on a white background.

Color Contrast Check

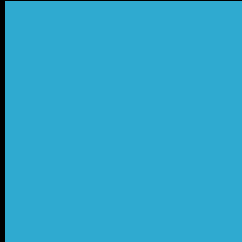
Large Text (above 18pt) WCAG AA × Fail

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 4281314000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

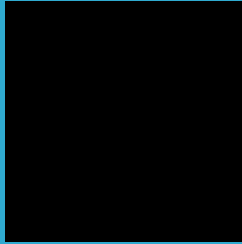
Any Text WCAG AA ✓ Pass

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 4281314000 Background



This preview shows how black text looks on a background with the Android color 4281314000.



This preview shows how white text looks on a background with the Android color 4281314000.

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

4281314000



Protanomaly

4285440201



Deuteranomaly

4285178067



Tritanomaly

4280331715

Monochromacy



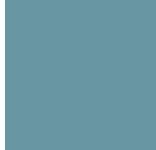
Original Color

4281314000



Achromatopsia

4287269514



Achromatomaly

4285109923

CSS Examples

Text

The CSS property to change the color of the text to Android 4281314000 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(47, 170, 208)` looks like.

```
.text, #text, p{  
    color:rgb(47, 170, 208)  
}
```

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(47, 170, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 170, 208) }
```

Border

The CSS property to change the border of an element to Android 4281314000 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(47, 170, 208) }
```

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

```
.border{ border-color:rgb(47, 170, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 170, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 170, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 170, 208);  
box-shadow:4px 4px 4px 4px rgb(47, 170,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4281314000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 170, 208) }
```

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

```
.background{ background-color: rgb(47, 170,  
208) }
```

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