

Converting Colors

Android(4281124082)

Have a look what the booklet for
Android(4281124082) contains.

Android(4281124082)	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(4281124082)

Conversions

Conversions Part 1

Format	Color
Hex	2CC4F2
RGB	44, 196, 242
RGB Percent	17%, 77%, 95%
CMY	0.8275, 0.2314, 0.0510
CMYK	0.82, 0.19, 0.00, 0.05
HSL	194°, 88%, 56%
HSV	194°, 82%, 95%
XYZ	36.8056, 46.4261, 91.0257
YIQ	155.7960, -105.3580, -17.9180

Conversions

Conversions Part 2

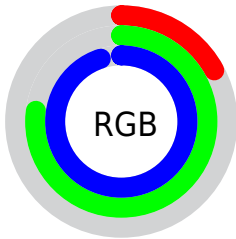
Format	Color
R _Y B	44, 130, 242
Decimal	2934002
CIE Lab	73.82, -22.72, -33.54
CIE LCh	74, 40.513, 235.891
Yxy	46.4261, 0.2112, 0.2664
Android (android.graphics.Color)	4281124082 (0xFF2CC4F2)
YUV	155.7960, 42.4986, -98.0451
Hunter-Lab	68.1367, -22.8183, -31.5114

Details

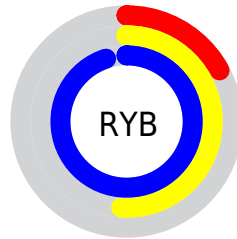
The Android color **4281124082** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **4294072876**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4286316031**, and **4278226618** is the 20% darker color. If you saturate the color by 10%, you get **4279549682**, and if you desaturate by 10%, it is **4282698482**.

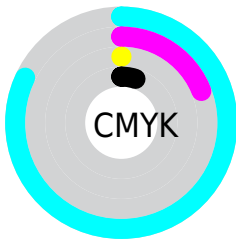
Distribution



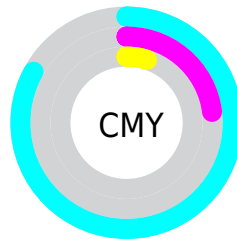
- Red (17%)
- Green (77%)
- Blue (95%)



- Red (17%)
- Yellow (51%)
- Blue (95%)



- Cyan (82%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (83%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281124082 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 4281124082 by changing the saturation by 10% instead.

 4281124082

 4281124082

4294967295

 4278233558

 4286316031

 4278226618

 4288479231

 4278219935

 4290576383

 4278213764

 4292607999

 4278207595

 4294705151

 4278201682

 4278196539

 4278190629

 4278190349

■ 4281124082

■ 4281124082

■ 4279549682

■ 4282698482

■ 4278237938

■ 4284272626

■ 4285912562

■ 4287486706

■ 4289061106

■ 4290635506

■ 4292209650

■ 4293849586

■ 4294965234

Harmonies

Analogous

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



4278372821



4281124082



4285905919

Triad

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



4281124082



4294547900



4289576305

Complementary

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



4281124082



4294072876

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.



4291998059



4281124082



4294810263

Square

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



4281124082



4292845792



4293895289



4286694794

Rectangle

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



4281124082



4288656125



4293895289



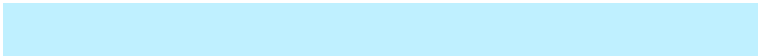
4290427245

Sweetspot

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



4281124082



4290769151



4281135703



4284053376



4278190080



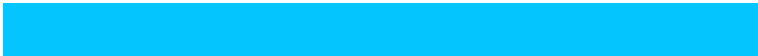
4286611584

Same Dimension

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



4281124082



4278568447



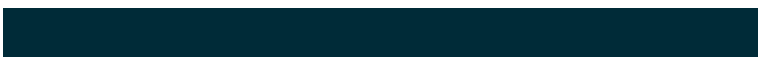
4281099506



4285298040



4278226360



4278201144

Inverse Universe

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



4294061252



4294903237



4294097452



4286082165



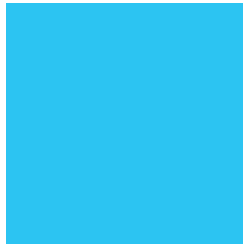
4290248845



4281860139

Previews

White Background



This preview shows how the Android color 4281124082 looks on a white background.

Color Contrast Check

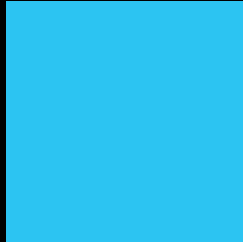
Large Text (above 18pt) WCAG AA × Fail

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 4281124082 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 4281124082 Background



This preview shows how black text looks on a background with the Android color 4281124082.



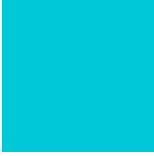
This preview shows how white text looks on a background with the Android color 4281124082.

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





Tritanopia
4278241496

Trichromacy



Original Color
4281124082



Protanomaly
4286233066



Deuteranomaly
4285970933



Tritanomaly
4279289825

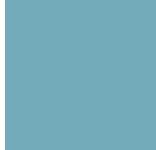
Monochromacy



Original Color
4281124082



Achromatopsia
4288453788



Achromatomaly
4285770683

CSS Examples

Text

The CSS property to change the color of the text to Android 4281124082 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(44, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(44, 196, 242)  
}
```

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(44, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 196, 242) }
```

Border

The CSS property to change the border of an element to Android 4281124082 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(44, 196, 242) }
```

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

```
.border{ border-color:rgb(44, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(44, 196,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4281124082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 196, 242) }
```

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

```
.background{ background-color: rgb(44, 196,  
242) }
```

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