

Converting Colors

Android(4281270226)

Have a look what the booklet for
Android(4281270226) contains.

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Color

Android(4281270226)

Conversions

Conversions Part 1

Format	Color
Hex	2EFFD2
RGB	46, 255, 210
RGB Percent	18%, 100%, 82%
CMY	0.8196, 0.0000, 0.1765
CMYK	0.82, 0.00, 0.18, 0.00
HSL	167°, 100%, 59%
HSV	167°, 82%, 100%
XYZ	48.5196, 76.7540, 73.2305
YIQ	187.3790, -110.1190, -58.3030

Conversions

Conversions Part 2

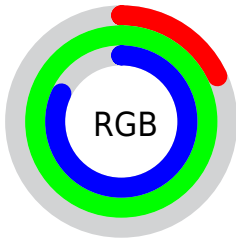
Format	Color
RYB	46, 163, 255
Decimal	3080146
CIELab	90.21, -58.19, 7.89
CIELCh	90, 58.723, 172.280
Yxy	76.7540, 0.2444, 0.3867
Android (android.graphics.Color)	4281270226 (0xFF2EFFD2)
YUV	187.3790, 11.1522, -123.9894
Hunter-Lab	87.6094, -54.4600, 11.7675

Details

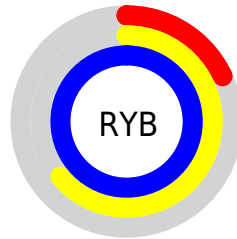
The Android color `4281270226` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294913627`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4286709759`, and `4278240668` is the 20% darker color. If you saturate the color by 10%, you get `4279631821`, and if you desaturate by 10%, it is `4282974167`.

Distribution



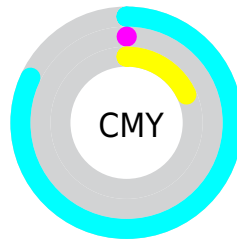
- Red (18%)
- Green (100%)
- Blue (82%)



- Red (18%)
- Yellow (64%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (82%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281270226 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 4281270226 by changing the saturation by 10% instead.

 4281270226

 4281270226

4294967295

 4278248118

 4286709759

 4278240668

 4288937983

 4278233474

 4291035135

 4278226536

 4293132287

 4278219600

 4278212921

 4278206500

 4278200591

 4278190336

■ 4281270226

■ 4281270226

■ 4279631821

■ 4282974167

■ 4278255560

■ 4284612573

■ 4286316514

■ 4287954920

■ 4289658861

■ 4291297267

■ 4293001208

■ 4294639614

4294967295

Harmonies

Analogous

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



4288280988



4281270226



4278255615

Triad

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



4281270226



4291943167



4294952588

Complementary

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



4281270226



4294913627

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.



4294948795



4281270226



4294952191

Square

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



4281270226



4284345855



4294948596



4294957937

Rectangle

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



4281270226



4278255103



4294948596



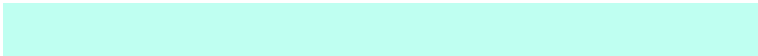
4294951066

Sweetspot

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



4281270226



4290772977



4284219182



4284055671



4278190080



4286611584

Same Dimension

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



4281270226



4278583241



4281255167



4285759613



4278239126



4278206514

Inverse Universe

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



4294913627



4294903099



4294928686



4286608245



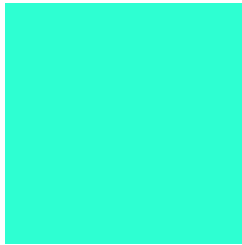
4290707497



4282384398

Previews

White Background



This preview shows how the Android color 4281270226 looks on a white background.

Color Contrast Check

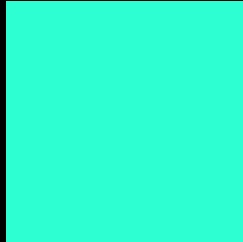
Large Text (above 18pt) WCAG AA × Fail

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 4281270226 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

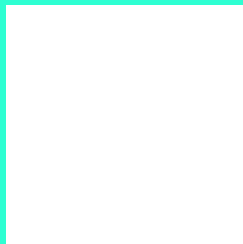
Any Text WCAG AAA ✓ Pass

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

Android 4281270226 Background



This preview shows how black text looks on a background with the Android color 4281270226.

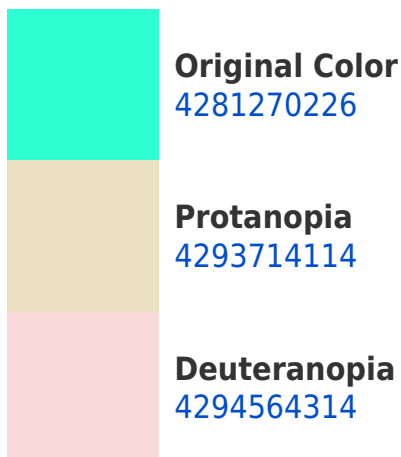


This preview shows how white text looks on a background with the Android color 4281270226.

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

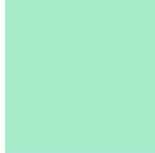


Trichromacy



Original Color

4281270226



Protanomaly

4289194952



Deuteranomaly

4289718231



Tritanomaly

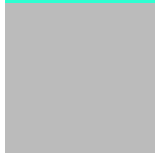
4285462255

Monochromacy



Original Color

4281270226



Achromatopsia

4290493371



Achromatomaly

4287157443

CSS Examples

Text

The CSS property to change the color of the text to Android 4281270226 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(46, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 210)  
}
```

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(46, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 210) }
```

Border

The CSS property to change the border of an element to Android 4281270226 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(46, 255, 210) }
```

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

```
.border{ border-color:rgb(46, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
210) }
```

Background

The CSS property to change the background color of an element to Android 4281270226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 255, 210) }
```

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

```
.background{ background-color: rgb(46, 255,  
210) }
```

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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