

Converting Colors

Android(4281270232)

Have a look what the booklet for
Android(4281270232) contains.

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Color

Android(4281270232)

Conversions

Conversions Part 1	
Format	Color
Hex	2EFFD8
RGB	46, 255, 216
RGB Percent	18%, 100%, 85%
CMY	0.8196, 0.0000, 0.1529
CMYK	0.82, 0.00, 0.15, 0.00
HSL	169°, 100%, 59%
HSV	169°, 82%, 100%
XYZ	49.2814, 77.0587, 77.2422
YIQ	188.0630, -112.0450, -56.4370

Conversions

Conversions Part 2

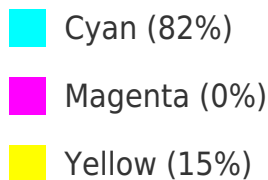
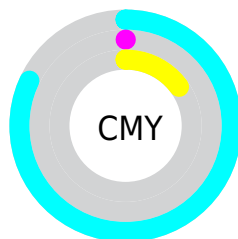
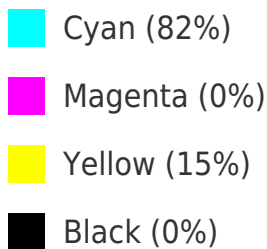
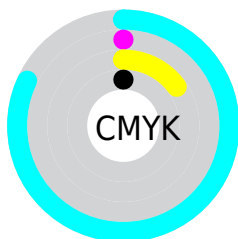
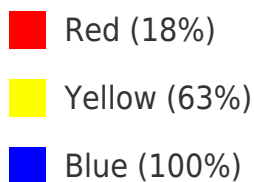
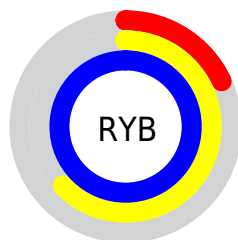
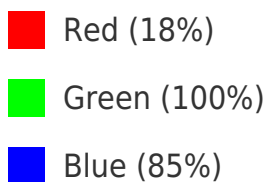
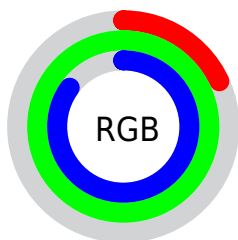
Format	Color
RYB	46, 161, 255
Decimal	3080152
CIELab	90.35, -56.71, 4.99
CIELCh	90, 56.934, 174.975
Yxy	77.0587, 0.2421, 0.3785
Android (android.graphics.Color)	4281270232 (0xFF2EFFD8)
YUV	188.0630, 13.7729, -124.5893
Hunter-Lab	87.7831, -53.4106, 9.2777

Details

The Android color **4281270232** 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 **4294913621**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4286709759**, and **4278240673** is the 20% darker color. If you saturate the color by 10%, you get **4279631827**, and if you desaturate by 10%, it is **4282974173**.


Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4281270232 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 4281270232 by changing the saturation by 10% instead.

 4281270232

 4281270232

4294967295

 4278248124

 4286709759

 4278240673

 4288937983

 4278233479

 4291035135

 4278226542

 4293197823


 4278219606


 4278212926

 4278206505

 4278200596

 4278190592

 4281270232

 4281270232

 4279631827

 4282974173


 4278255567

 4284612578

 4286316518

 4287954923

 4289658864

 4291297269

 4293001209

 4294639614

4294967295

Harmonies

Analogous

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



4288084387



4281270232



4278255615

Triad

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



4281270232



4292532735



4294953612

Complementary

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



4281270232



4294913621

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.



4294949560



4281270232



4294952191

Square

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



4281270232



4285852927



4294948847



4294958453

Rectangle

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



4281270232



4278254847



4294948847



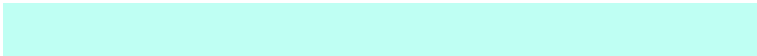
4294951833

Sweetspot

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



4281270232



4290772979



4284022574



4284055672



4278190080



4286611584

Same Dimension

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



4281270232



4278583248



4281254143



4285759613



4278239132



4278206516

Inverse Universe

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



4294913621



4294903092



4294929710



4286608245



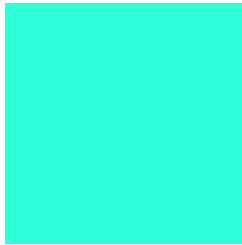
4290707492



4282384396

Previews

White Background



This preview shows how the Android color 4281270232 looks on a white background.

Color Contrast Check

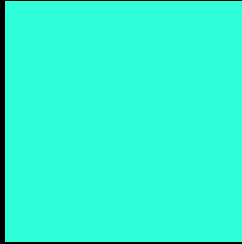
Large Text (above 18pt) WCAG AA × Fail

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 4281270232 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

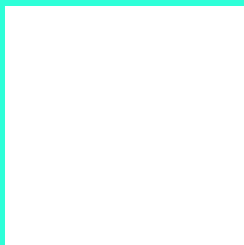
Any Text WCAG AAA ✓ Pass

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

Android 4281270232 Background



This preview shows how black text looks on a background with the Android color 4281270232.

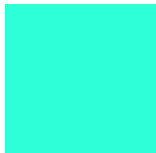


This preview shows how white text looks on a background with the Android color 4281270232.

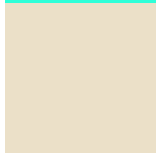
Color Blindness Simulation

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](#).

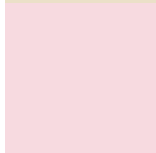
Dichromacy




Original Color
4281270232



Protanopia
4293648584



Deuteranopia
4294433504



Tritanopia
4287951359

Trichromacy

	Original Color 4281270232
	Protanomaly 4289129422
	Deuteranomaly 4289652701
	Tritanomaly 4285527793

Monochromacy

	Original Color 4281270232
	Achromatopsia 4290559164
	Achromatomaly 4287157446

CSS Examples

Text

The CSS property to change the color of the text to Android 4281270232 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 216) }
```

Border

The CSS property to change the border of an element to Android 4281270232 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, 216) }
```

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

```
.border{ border-color:rgb(46, 255, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4281270232 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, 216) }
```

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

```
.background{ background-color: rgb(46, 255,  
216) }
```

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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