

Converting Colors

Android(4281983231)

Have a look what the booklet for
Android(4281983231) contains.

Android(4281983231)	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(4281983231)

Conversions

Conversions Part 1

Format	Color
Hex	39E0FF
RGB	57, 224, 255
RGB Percent	22%, 88%, 100%
CMY	0.7765, 0.1216, 0.0000
CMYK	0.78, 0.12, 0.00, 0.00
HSL	189°, 100%, 61%
HSV	189°, 78%, 100%
XYZ	46.3930, 61.4012, 104.0142
YIQ	177.6010, -109.4830, -25.7630

Conversions

Conversions Part 2

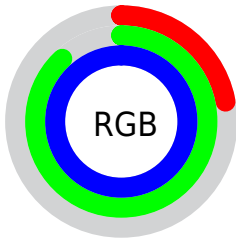
Format	Color
R _{YB}	57, 148, 255
Decimal	3793151
CIE _{Lab}	82.59, -31.30, -26.98
CIE _{LCh}	83, 41.322, 220.769
Yxy	61.4012, 0.2190, 0.2899
Android (android.graphics.Color)	4281983231 (0xFF39E0FF)
YUV	177.6010, 38.1577, -105.7671
Hunter-Lab	78.3589, -31.4457, -23.8508

Details

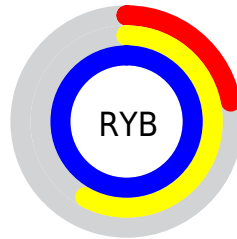
The Android color `4281983231` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294924345`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4287037439`, and `4278233286` is the 20% darker color. If you saturate the color by 10%, you get `4280278271`, and if you desaturate by 10%, it is `4283622655`.

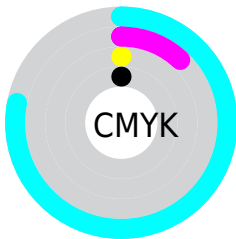
Distribution



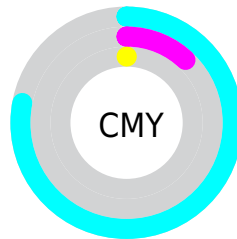
- Red (22%)
- Green (88%)
- Blue (100%)



- Red (22%)
- Yellow (58%)
- Blue (100%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281983231 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 4281983231 by changing the saturation by 10% instead.



4281983231



4281983231

4294967295



4278240482



4287037439



4278233286



4289200127



4278226603



4291297279



4278219920



4293394431



4278213495



4278207326



4278201414



4278194992



4278190362

■ 4281983231

■ 4281983231

■ 4280278271

■ 4283622655

■ 4278638847

■ 4285327615

■ 4278245375

■ 4286967039

■ 4288671999

■ 4290311423

■ 4292016383

■ 4293655807

4294967295

Harmonies

Analogous

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



4283294683



4281983231



4285389311

Triad

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



4281983231



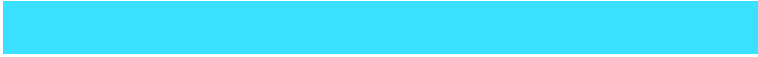
4294947816



4292530304

Complementary

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



4281983231



4294924345

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.



4294820741



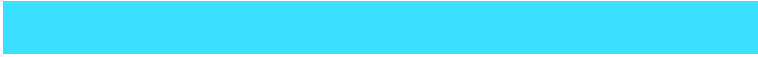
4281983231



4294947009

Square

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



4281983231



4293181183



4294948509



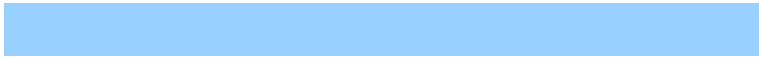
4289714833

Rectangle

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



4281983231



4288205311



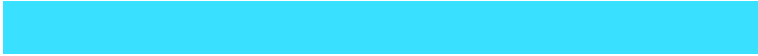
4294948509



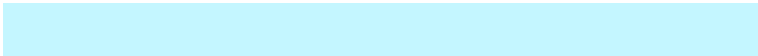
4293381247

Sweetspot

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



4281983231



4291098367



4281990999



4284250752



4278190080



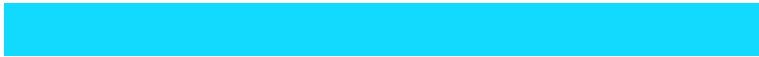
4286611584

Same Dimension

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



4281983231



4279425791



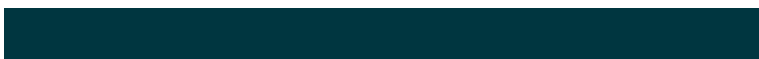
4281958143



4285759104



4278231487



4278203968

Inverse Universe

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



4294916576



4294906586



4294949433



4286608254



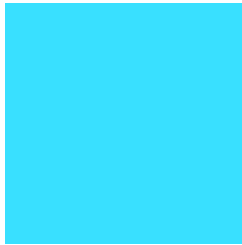
4290707617



4282384438

Previews

White Background



This preview shows how the Android color 4281983231 looks on a white background.

Color Contrast Check

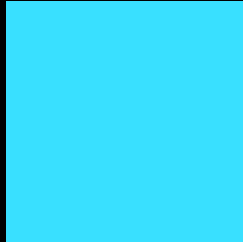
Large Text (above 18pt) WCAG AA × Fail

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 4281983231 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 4281983231 Background



This preview shows how black text looks on a background with the Android color 4281983231.



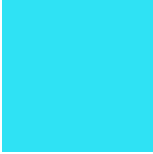
This preview shows how white text looks on a background with the Android color 4281983231.

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
4281328372

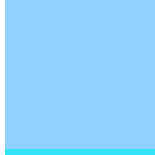
Trichromacy



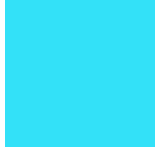
Original Color
4281983231



Protanomaly
4287746805



Deuteranomaly
4287746559

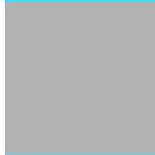


Tritanomaly
4281590264

Monochromacy



Original Color
4281983231



Achromatopsia
4289901234



Achromatomaly
4287022030

CSS Examples

Text

The CSS property to change the color of the text to Android 4281983231 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(57, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 224, 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(57, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 224, 255) }
```

Border

The CSS property to change the border of an element to Android 4281983231 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(57, 224, 255) }
```

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

```
.border{ border-color:rgb(57, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(57, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 224,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281983231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 224, 255) }
```

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

```
.background{ background-color: rgb(57, 224,  
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