

Converting Colors

Android(4281582079)

Have a look what the booklet for
Android(4281582079) contains.

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Color

Android(4281582079)

Conversions

Conversions Part 1

Format	Color
Hex	33C1FF
RGB	51, 193, 255
RGB Percent	20%, 76%, 100%
CMY	0.8000, 0.2431, 0.0000
CMYK	0.80, 0.24, 0.00, 0.00
HSL	198°, 100%, 60%
HSV	198°, 80%, 100%
XYZ	38.4852, 46.0637, 101.4705
YIQ	157.6100, -104.5340, -10.8220

Conversions

Conversions Part 2

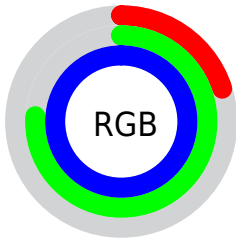
Format	Color
RYB	51, 135, 255
Decimal	3391999
CIELab	73.59, -16.25, -40.89
CIELCh	74, 44.003, 248.333
Yxy	46.0637, 0.2069, 0.2476
Android (android.graphics.Color)	4281582079 (0xFF33C1FF)
YUV	157.6100, 48.0133, -93.4970
Hunter-Lab	67.8703, -17.5562, -41.1333

Details

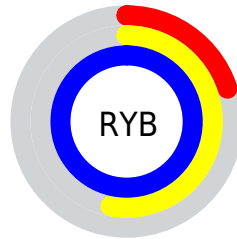
The Android color **4281582079** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **4294930739**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4286708223**, and **4278226118** is the 20% darker color. If you saturate the color by 10%, you get **4279876095**, and if you desaturate by 10%, it is **4283288063**.

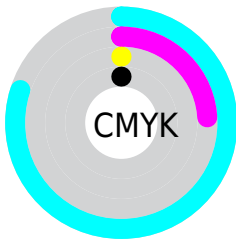
Distribution



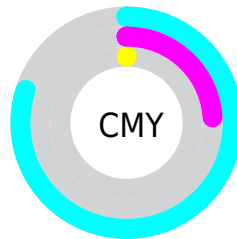
- Red (20%)
- Green (76%)
- Blue (100%)



- Red (20%)
- Yellow (53%)
- Blue (100%)



- Cyan (80%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281582079 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 4281582079 by changing the saturation by 10% instead.

 4281582079

 4281582079

4294967295

 4278232802

 4286708223

 4278226118

 4288806911

 4278219434

 4290904063

 4278213264

 4293001215

 4278207094

 4278201437

 4278196549

 4278191150

 4278190360

■ 4281582079

■ 4281582079

■ 4279876095

■ 4283288063

■ 4278235903

■ 4284928511

■ 4286634239

■ 4288274687

■ 4289980671

■ 4291621119

■ 4293326847

4294967295

Harmonies

Analogous

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



4278241510



4281582079



4287280639

Triad

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



4281582079



4294939819



4288201076

Complementary

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



4281582079



4294930739

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.



4291081827



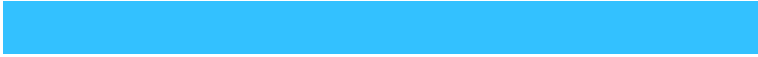
4281582079



4294810501

Square

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



4281582079



4293958099



4293372010



4284795030

Rectangle

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



4281582079



4290096124



4293372010



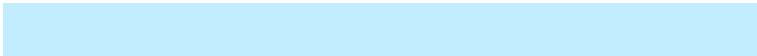
4289183340

Sweetspot

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



4281582079



4290964735



4281597808



4284183680



4278190080



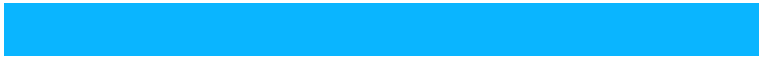
4286611584

Same Dimension

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



4281582079



4278892031



4281556223



4285758592



4278224319



4278201408

Inverse Universe

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



4294915009



4294904501



4294956595



4286608252



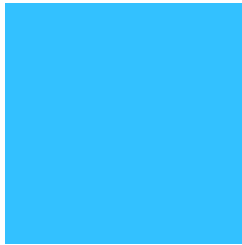
4290707589



4282384428

Previews

White Background



This preview shows how the Android color 4281582079 looks on a white background.

Color Contrast Check

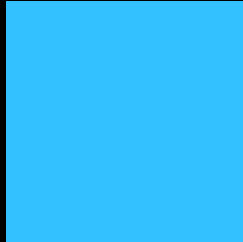
Large Text (above 18pt) WCAG AA × Fail

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 4281582079 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

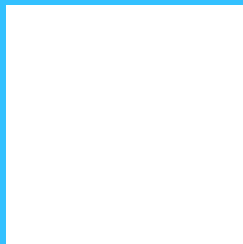
Any Text WCAG AAA ✓ Pass

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

Android 4281582079 Background



This preview shows how black text looks on a background with the Android color 4281582079.



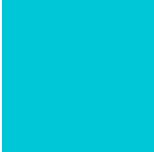
This preview shows how white text looks on a background with the Android color 4281582079.

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
4278241239

Trichromacy



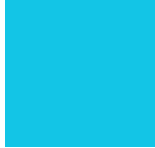
Original Color
4281582079



Protanomaly
4286101495



Deuteranomaly
4285708287



Tritanomaly
4279485926

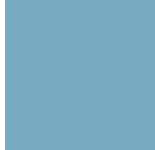
Monochromacy



Original Color
4281582079



Achromatopsia
4288585374



Achromatomaly
4286032833

CSS Examples

Text

The CSS property to change the color of the text to Android 4281582079 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(51, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 193, 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(51, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 193, 255) }
```

Border

The CSS property to change the border of an element to Android 4281582079 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(51, 193, 255) }
```

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

```
.border{ border-color:rgb(51, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 193,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281582079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 193, 255) }
```

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

```
.background{ background-color: rgb(51, 193,  
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](#).

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