

Converting Colors

Android(4281179135)

Have a look what the booklet for
Android(4281179135) contains.

Android(4281179135)	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(4281179135)

Conversions

Conversions Part 1

Format	Color
Hex	2D9BFF
RGB	45, 155, 255
RGB Percent	18%, 61%, 100%
CMY	0.8235, 0.3922, 0.0000
CMYK	0.82, 0.39, 0.00, 0.00
HSL	209°, 100%, 59%
HSV	209°, 82%, 100%
XYZ	30.8535, 31.2206, 99.0078
YIQ	133.5100, -97.6600, 7.7800

Conversions

Conversions Part 2

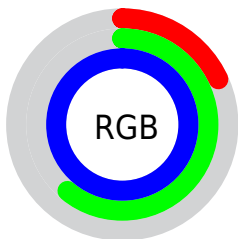
Format	Color
R _Y B	45, 117, 255
Decimal	2989055
CIE Lab	62.69, 4.44, -58.08
CIE LCh	63, 58.252, 274.367
Yxy	31.2206, 0.1915, 0.1938
Android (android.graphics.Color)	4281179135 (0xFF2D9BFF)
YUV	133.5100, 59.8946, -77.6233
Hunter-Lab	55.8754, 0.7831, -65.9455

Details

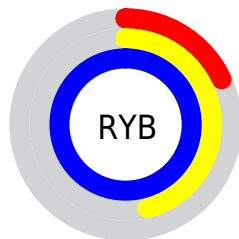
The Android color `4281179135` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4294938925`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4286370303`, and `4278217158` is the 20% darker color. If you saturate the color by 10%, you get `4279537663`, and if you desaturate by 10%, it is `4282886143`.

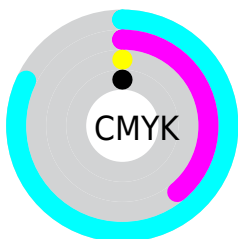
Distribution



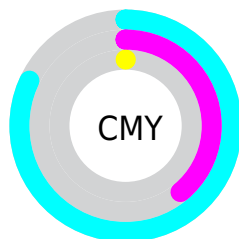
- Red (18%)
- Green (61%)
- Blue (100%)



- Red (18%)
- Yellow (46%)
- Blue (100%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281179135 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 4281179135 by changing the saturation by 10% instead.

 4281179135

 4281179135

4294967295

 4278223330

 4286370303

 4278217158

 4288540159

 4278210986

 4290641919

 4278205327

 4292673535

 4278200181

 4294770687

 4278194779

 4278191939

 4278190892

 4278190358

■ 4281179135

■ 4281179135

■ 4279537663

■ 4282886143

■ 4278224639

■ 4284527615

■ 4286234623

■ 4287876351

■ 4289583359

■ 4291224831

■ 4292931839

■ 4294573311

4294967295

Harmonies

Analogous

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



4278233588



4281179135



4288907245

Triad

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



4281179135



4294013280



4279807337

Complementary

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



4281179135



4294938925

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.



4285965628



4281179135



4292248632

Square

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



4281179135



4294272914



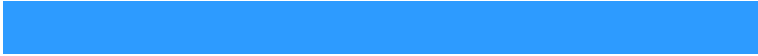
4289501222



4278235550

Rectangle

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



4281179135



4291655893



4289501222



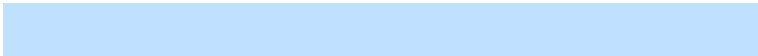
4282821464

Sweetspot

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



4281179135



4290765311



4281204623



4284050816



4278190080



4286611584

Same Dimension

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



4281179135



4278421503



4281152767



4285757824



4278215871



4278198592

Inverse Universe

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



4294913435



4294902663



4294965293



4286608249



4290707556



4282384417

Previews

White Background



This preview shows how the Android color 4281179135 looks on a white background.

Color Contrast Check

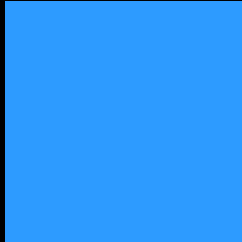
Large Text (above 18pt) WCAG AA × Fail

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 4281179135 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

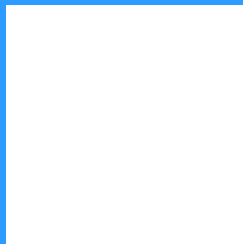
Any Text WCAG AAA ✓ Pass

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

Android 4281179135 Background



This preview shows how black text looks on a background with the Android color 4281179135.



This preview shows how white text looks on a background with the Android color 4281179135.

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](#).

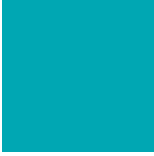
Dichromacy



Original Color
4281179135

Protanopia
4285436920

Deuteranopia
4283144447



Tritanopia
4278233011

Trichromacy



Original Color
4281179135

Protanomaly
4283864827

Deuteranomaly
4282423807

Tritanomaly
4279280591

Monochromacy



Original Color
4281179135

Achromatopsia
4287006342

Achromatomaly
4284911282

CSS Examples

Text

The CSS property to change the color of the text to Android 4281179135 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(45, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(45, 155, 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(45, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 155, 255) }
```

Border

The CSS property to change the border of an element to Android 4281179135 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(45, 155, 255) }
```

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

```
.border{ border-color:rgb(45, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(45, 155,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281179135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 155, 255) }
```

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

```
.background{ background-color: rgb(45, 155,  
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