

# Converting Colors

Android(4280286719)

Have a look what the booklet for  
Android(4280286719) contains.

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# **Color**

**Android(4280286719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FFDFF
RGB	31, 253, 255
RGB Percent	12%, 99%, 100%
CMY	0.8784, 0.0078, 0.0000
CMYK	0.88, 0.01, 0.00, 0.00
HSL	181°, 100%, 56%
HSV	181°, 88%, 100%
XYZ	53.7404, 77.7619, 106.7849
YIQ	186.8500, -132.9540, -46.4420

# Conversions

## Conversions Part 2

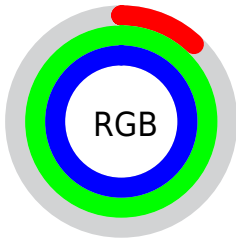
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 142, 255
Decimal	2096639
CIE Lab	90.67, -46.34, -14.79
CIE LCh	91, 48.642, 197.703
Yxy	77.7619, 0.2255, 0.3263
Android (android.graphics.Color)	4280286719 (0xFF1FFDFF)
YUV	186.8500, 33.5980, -136.6805
Hunter-Lab	88.1827, -45.5381, -10.0694

# Details

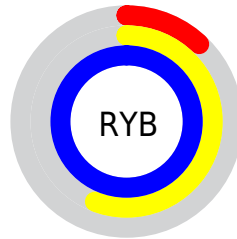
The Android color `4280286719` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294910239`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4286578687`, and `4278240454` is the 20% darker color. If you saturate the color by 10%, you get `4278648319`, and if you desaturate by 10%, it is `4281990655`.

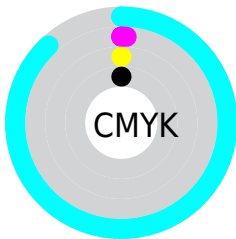
# Distribution



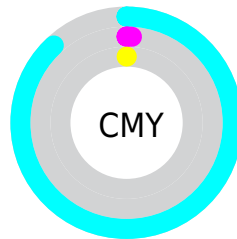
- Red (12%)
- Green (99%)
- Blue (100%)



- Red (12%)
- Yellow (56%)
- Blue (100%)



- Cyan (88%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280286719 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 4280286719 by changing the saturation by 10% instead.



 4280286719

 4280286719

4294967295

 4278247650

 4286578687

 4278240454

 4288872447

 4278233259

 4291035135

 4278226321

 4293197823

 4278219383

 4278212958

 4278206535

 4278201136

 4278191644

■ 4280286719

■ 4280286719

■ 4278648319

■ 4281990655

■ 4278255103

■ 4283629055

■ 4285267711

■ 4286971647

■ 4288675583

■ 4290313983

■ 4292018175

■ 4293656575

4294967295

# Harmonies

## Analogous

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



4285922511



4280286719



4278712831

# Triad

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



4280286719



4294954751



4294957961

# Complementary

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



4280286719



4294910239

# 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.



4294953889



4280286719



4294951673

# Square

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



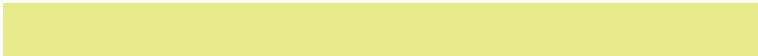
4280286719



4291682303



4294951370



4293388938

# Rectangle

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



4280286719



4284347391



4294951370



4294956431

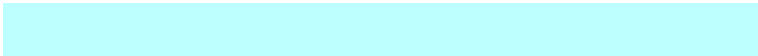


# Sweetspot

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



4280286719



4290641663



4280287007



4283989888



4278190080



4286611584



# Same Dimension

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



4280286719



4278255103



4280258559



4285759360



4278238911



4278206272



# Inverse Universe

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



4294909949



4294902013



4294938399



4286608255



4290707646

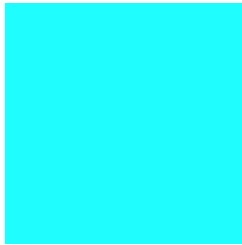


4282384447



# Previews

## White Background



This preview shows how the Android color 4280286719 looks on a white background.

## Color Contrast Check

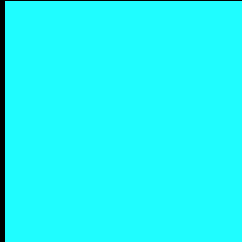
Large Text (above 18pt) WCAG AA × Fail

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 4280286719 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 4280286719 Background



This preview shows how black text looks on a background with the Android color 4280286719.

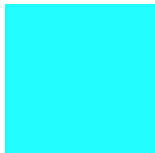


This preview shows how white text looks on a background with the Android color 4280286719.

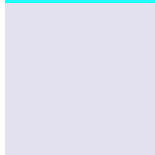
# Color Blindness Simulation

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**  
4280286719



**Protanopia**  
4293124590



**Deuteranopia**  
4293320447



# Trichromacy



**Original Color**  
4280286719



**Protanomaly**  
4288474100



**Deuteranomaly**  
4288604671

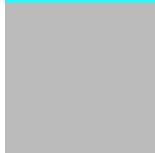


**Tritanomaly**  
4285265663

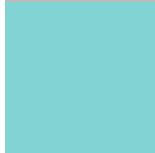
# Monochromacy



**Original Color**  
4280286719



**Achromatopsia**  
4290493371



**Achromatomaly**  
4286763988

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280286719 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(31, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(31, 253, 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(31, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 253, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280286719 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(31, 253, 255) }
```

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

```
.border{ border-color:rgb(31, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(31, 253,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280286719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 253, 255) }
```

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

```
.background{ background-color: rgb(31, 253,  
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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