

# Converting Colors

Android(4281266687)

Have a look what the booklet for  
Android(4281266687) contains.

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# **Color**

**Android(4281266687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EF1FF
RGB	46, 241, 255
RGB Percent	18%, 95%, 100%
CMY	0.8196, 0.0549, 0.0000
CMYK	0.82, 0.05, 0.00, 0.00
HSL	184°, 100%, 59%
HSV	184°, 82%, 100%
XYZ	50.6320, 70.7114, 105.5878
YIQ	184.2910, -120.7140, -36.9860

# Conversions

## Conversions Part 2

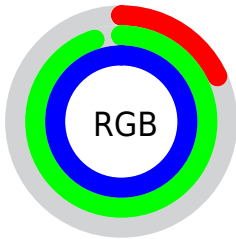
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 147, 255
Decimal	3076607
CIELab	87.34, -40.13, -19.78
CIELCh	87, 44.741, 206.240
Yxy	70.7114, 0.2231, 0.3116
Android (android.graphics.Color)	4281266687 (0xFF2EF1FF)
YUV	184.2910, 34.8595, -121.2812
Hunter-Lab	84.0901, -39.6799, -15.5845

# Details

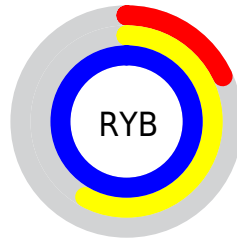
The Android color `4281266687` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294917166`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4286840831`, and `4278237382` is the 20% darker color. If you saturate the color by 10%, you get `4279627775`, and if you desaturate by 10%, it is `4282971135`.

# Distribution



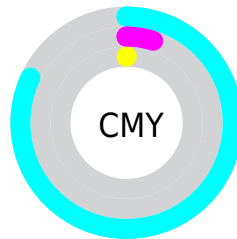
- Red (18%)
- Green (95%)
- Blue (100%)



- Red (18%)
- Yellow (58%)
- Blue (100%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281266687 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 4281266687 by changing the saturation by 10% instead.





4281266687



4281266687

4294967295



4278244578



4286840831



4278237382



4289069055



4278230443



4291166207



4278223504



4293328895



4278217079



4278210654



4278204486



4278199088



4278190363

■ 4281266687

■ 4281266687

■ 4279627775

■ 4282971135

■ 4278251263

■ 4284609791

■ 4286314239

■ 4287953151

■ 4289657599

■ 4291296255

■ 4293000703

■ 4294639615

4294967295

# Harmonies

## Analogous

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



4285002196



4281266687



4283100159

# Triad

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



4281266687



4294951935



4294760070

# Complementary

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



4281266687



4294917166

# 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.



4294953110



4281266687



4294949602

# Square

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



4281266687



4292399871



4294950071



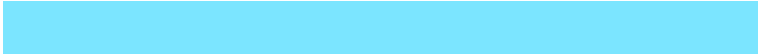
4291945613

# Rectangle

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



4281266687



4286309887



4294950071



4294955656



# Sweetspot

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



4281266687



4290771967



4281270076



4284054912



4278190080



4286611584



# Same Dimension

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



4281266687



4278578943



4281240063



4285759360



4278235839



4278205248



# Inverse Universe

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



4294913777



4294903278



4294943790



4286608255



4290707634

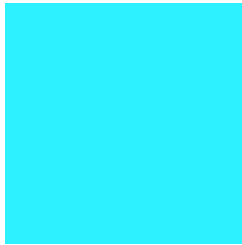


4282384443



# Previews

## White Background



This preview shows how the Android color 4281266687 looks on a white background.

## Color Contrast Check

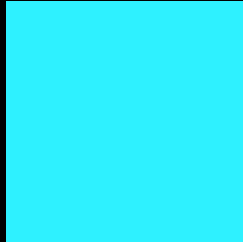
Large Text (above 18pt) WCAG AA × Fail

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 4281266687 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 4281266687 Background



This preview shows how black text looks on a background with the Android color 4281266687.

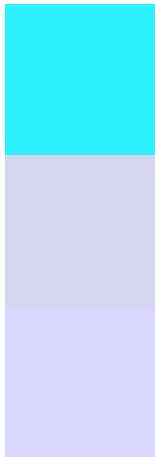


This preview shows how white text looks on a background with the Android color 4281266687.

# 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](#).

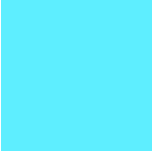
## Dichromacy



**Original Color**  
4281266687

**Protanopia**  
4292270062

**Deuteranopia**  
4292400639



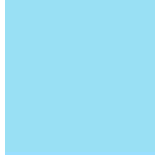
**Tritanopia**  
4284411647

# Trichromacy



**Original Color**

4281266687



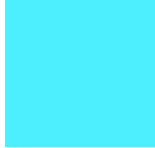
**Protanomaly**

4288274676



**Deuteranomaly**

4288339967



**Tritanomaly**

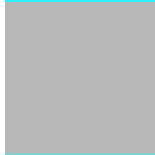
4283297791

# Monochromacy



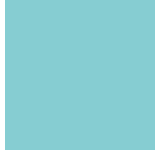
**Original Color**

4281266687



**Achromatopsia**

4290295992



**Achromatomaly**

4287024594

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281266687 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 241, 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(46, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 241, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281266687 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, 241, 255) }
```

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

```
.border{ border-color:rgb(46, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 241,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281266687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 241, 255) }
```

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

```
.background{ background-color: rgb(46, 241,  
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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