

# Converting Colors

Android(4278236414)

Have a look what the booklet for  
Android(4278236414) contains.

<b>Android(4278236414)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4278236414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B4FE
RGB	0, 180, 254
RGB Percent	0%, 71%, 100%
CMY	1.0000, 0.2941, 0.0039
CMYK	1.00, 0.29, 0.00, 0.00
HSL	197°, 100%, 50%
HSV	197°, 100%, 100%
XYZ	34.2107, 39.7983, 99.6447
YIQ	134.6160, -131.0340, -15.1460

# Conversions

## Conversions Part 2

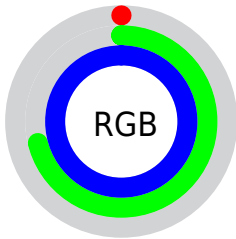
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 254
Decimal	46334
CIELab	69.33, -12.12, -47.06
CIELCh	69, 48.597, 255.564
Yxy	39.7983, 0.1970, 0.2292
Android (android.graphics.Color)	4278236414 (0xFF00B4FE)
YUV	134.6160, 58.8563, -118.0582
Hunter-Lab	63.0859, -13.6020, -49.4889

# Details

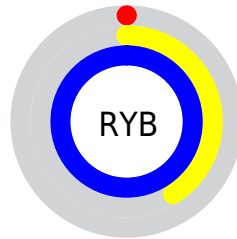
The Android color `4278236414` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle saturated azure. A complement of this color would be `4294855168`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285656319`, and `4278222789` is the 20% darker color. If you saturate the color by 10%, you get `4278236414`, and if you desaturate by 10%, it is `4279876606`.

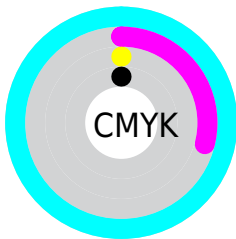
# Distribution



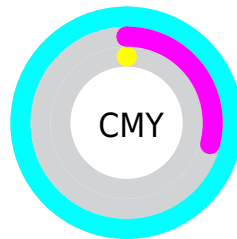
- Red (0%)
- Green (71%)
- Blue (100%)



- Red (0%)
- Yellow (41%)
- Blue (100%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278236414 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 4278236414 by changing the saturation by 10% instead.



 4278236414

 4278236414

4294967295

 4278229473

 4285656319

 4278222789

 4287889407

 4278216617

 4290052095

 4278210447

 4292149247

 4278204533

 4294180863

 4278199131


 4278191940

 4278190892

 4278190359

 4278236414

 4279876606

 4281582590


 4283222782

 4284928766

 4286568958

 4288209150

 4289915134

 4291555326

 4293261310

# Harmonies

## Analogous

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



4278238695



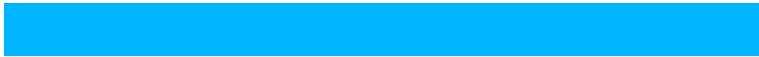
4278236414



4287276798

# Triad

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



4278236414



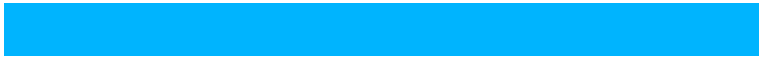
4294804884



4286364009

# Complementary

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



4278236414



4294855168

# 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.



4289572433



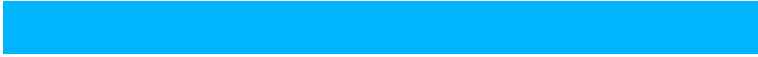
4278236414



4294086508

# Square

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



4278236414



4293953472



4292255571



4281646738

# Rectangle

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



4278236414



4290288625



4292255571



4287477343

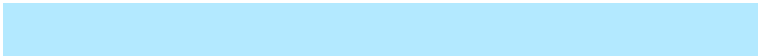


# Sweetspot

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



4278236414



4289980927



4278255176



4283593344



4278190080



4286611584

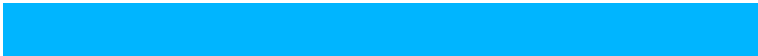


# Same Dimension

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



4278236414



4278236671



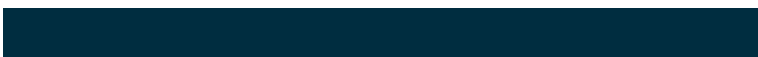
4278204414



4285758592



4278225087



4278201664



# Inverse Universe

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



4294836404



4294901941



4294887168



4286608252



4290707592



4282384429



# Previews

## White Background



This preview shows how the Android color 4278236414 looks on a white background.

## Color Contrast Check

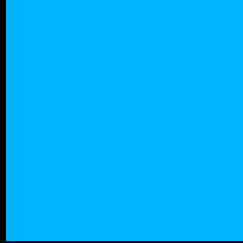
Large Text (above 18pt) WCAG AA × Fail

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 4278236414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

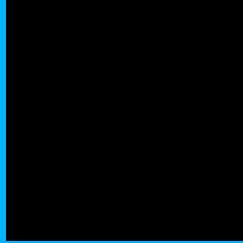
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

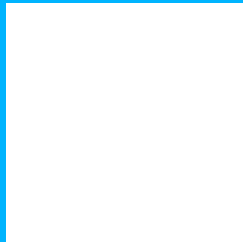
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278236414 Background



This preview shows how black text looks on a background with the Android color 4278236414.



This preview shows how white text looks on a background with the Android color 4278236414.

# 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





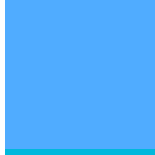
# Trichromacy



**Original Color**  
4278236414



**Protanomaly**  
4284197622



**Deuteranomaly**  
4283477247



**Tritanomaly**  
4278237404

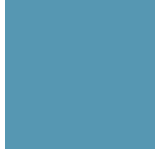
# Monochromacy



**Original Color**  
4278236414



**Achromatopsia**  
4287072135



**Achromatomaly**  
4283865010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278236414 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(0, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 254)  
}
```

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(0, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 254) }
```

## Border

The CSS property to change the border of an element to Android 4278236414 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(0, 180, 254) }
```

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

```
.border{ border-color:rgb(0, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4278236414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 254) }
```

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

```
.background{ background-color: rgb(0, 180,  
254) }
```

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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