

Converting Colors

Android(4278234109)

Have a look what the booklet for
Android(4278234109) contains.

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Color

Android(4278234109)

Conversions

Conversions Part 1

Format	Color
Hex	00ABFD
RGB	0, 171, 253
RGB Percent	0%, 67%, 99%
CMY	1.0000, 0.3294, 0.0078
CMYK	1.00, 0.32, 0.00, 0.01
HSL	199°, 100%, 50%
HSV	199°, 100%, 99%
XYZ	32.2925, 36.2177, 98.2172
YIQ	129.2190, -128.2380, -10.7500

Conversions

Conversions Part 2

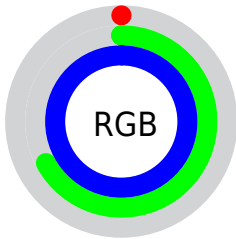
Format	Color
R _Y B	0, 102, 253
Decimal	44029
CIE Lab	66.69, -7.51, -50.68
CIE LCh	67, 51.236, 261.568
Yxy	36.2177, 0.1937, 0.2172
Android (android.graphics.Color)	4278234109 (0xFF00ABFD)
YUV	129.2190, 61.0240, -113.3251
Hunter-Lab	60.1811, -9.5358, -54.6361

Details

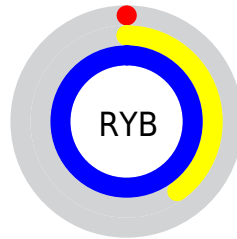
The Android color **4278234109** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **4294791680**, and the grayscale version is **4286677377**.

A 20% lighter version of the original color is **4285588223**, and **4278220740** is the 20% darker color. If you saturate the color by 10%, you get **4278234109**, and if you desaturate by 10%, it is **4279874557**.

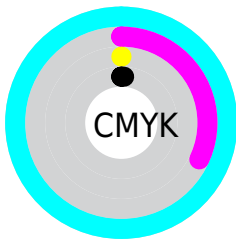
Distribution



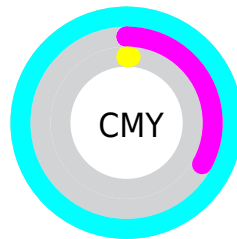
- Red (0%)
- Green (67%)
- Blue (99%)



- Red (0%)
- Yellow (40%)
- Blue (99%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278234109 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 4278234109 by changing the saturation by 10% instead.

 4278234109

 4278234109

4294967295

 4278227424

 4285588223

 4278220740

 4287823871

 4278214568

 4289986559

 4278208397

 4292083711

 4278202995

 4294115327

 4278197850

 4278191938

 4278190891

 4278190357

■ 4278234109

■ 4279874557

■ 4281580541

■ 4283221245

■ 4284861693

■ 4286567677

■ 4288208125

■ 4289848573

■ 4291489277

■ 4293195261

Harmonies

Analogous

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



4278236649



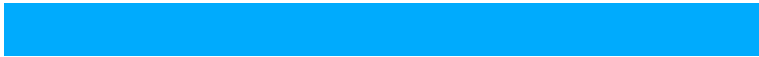
4278234109



4287667192

Triad

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



4278234109



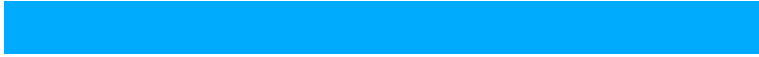
4294475139



4284855399

Complementary

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



4278234109



4294791680

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.



4288457288



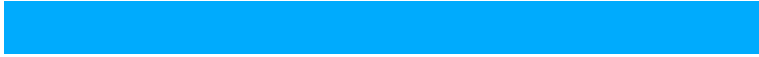
4278234109



4293495387

Square

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



4278234109



4294016177



4291337028



4278237587

Rectangle

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



4278234109



4290613223



4291337028



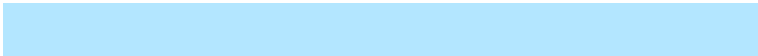
4286165338

Sweetspot

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



4278234109



4289980159



4278254928



4283593088



4278190080



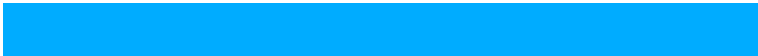
4286611584

Same Dimension

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



4278234109



4278234367



4278202109



4285758336



4278223295



4278201152

Inverse Universe

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



4294770859



4294901932



4294823680



4286608251



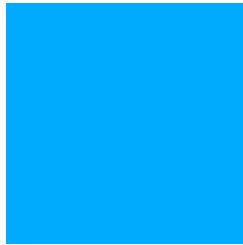
4290707585



4282384427

Previews

White Background



This preview shows how the Android color 4278234109 looks on a white background.

Color Contrast Check

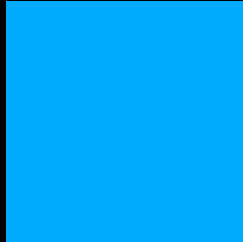
Large Text (above 18pt) WCAG AA × Fail

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 4278234109 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

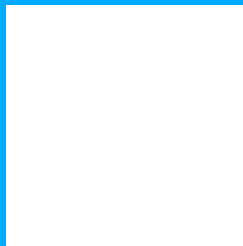
Any Text WCAG AAA ✓ Pass

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

Android 4278234109 Background



This preview shows how black text looks on a background with the Android color 4278234109.



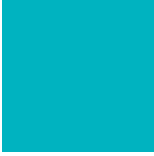
This preview shows how white text looks on a background with the Android color 4278234109.

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

4278234109



Protanomaly

4283737078



Deuteranomaly

4282754558



Tritanomaly

4278235350

Monochromacy



Original Color

4278234109



Achromatopsia

4286677377



Achromatomaly

4283601070

CSS Examples

Text

The CSS property to change the color of the text to Android 4278234109 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, 171, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 253)  
}
```

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, 171, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 253) }
```

Border

The CSS property to change the border of an element to Android 4278234109 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, 171, 253) }
```

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

```
.border{ border-color:rgb(0, 171, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
253) }
```

Background

The CSS property to change the background color of an element to Android 4278234109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 253) }
```

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

```
.background{ background-color: rgb(0, 171,  
253) }
```

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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