

Converting Colors

Android(4278237418)

Have a look what the booklet for
Android(4278237418) contains.

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Color

Android(4278237418)

Conversions

Conversions Part 1

Format	Color
Hex	00B8EA
RGB	0, 184, 234
RGB Percent	0%, 72%, 92%
CMY	1.0000, 0.2784, 0.0824
CMYK	1.00, 0.21, 0.00, 0.08
HSL	193°, 100%, 46%
HSV	193°, 100%, 92%
XYZ	31.9918, 40.2215, 83.9193
YIQ	134.6840, -125.7140, -23.4580

Conversions

Conversions Part 2

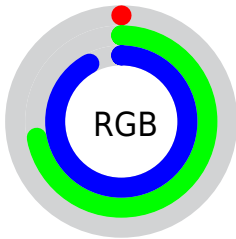
Format	Color
RYB	0, 103, 234
Decimal	47338
CIELab	69.63, -21.28, -35.74
CIELCh	70, 41.592, 239.233
Yxy	40.2215, 0.2049, 0.2576
Android (android.graphics.Color)	4278237418 (0xFF00B8EA)
YUV	134.6840, 48.9628, -118.1179
Hunter-Lab	63.4204, -20.9433, -34.0595

Details

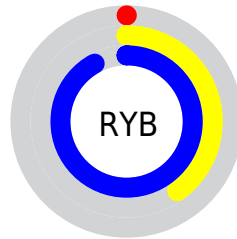
The Android color **4278237418** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **4293538304**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285395199**, and **4278223794** is the 20% darker color. If you saturate the color by 10%, you get **4278237418**, and if you desaturate by 10%, it is **4279746026**.

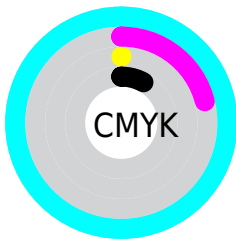
Distribution



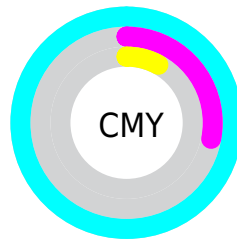
- Red (0%)
- Green (72%)
- Blue (92%)



- Red (0%)
- Yellow (40%)
- Blue (92%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237418 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 4278237418 by changing the saturation by 10% instead.

 4278237418

 4278237418

4294967295

 4278230478

 4285395199

 4278223794

 4287561727

 4278217367

 4289724415

 4278210941

 4291756031

 4278205028

 4293853183

 4278199628

 4278191413

 4278190623

 4278190081

 4278237418

 4279746026

 4281320170

 4282828778

 4284402922

 4285911530

 4287420138

 4288994282

 4290502890

 4292077034

Harmonies

Analogous

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



4278238670



4278237418



4285443829

Triad

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



4278237418



4293954733



4288459623

Complementary

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



4278237418



4293538304

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.



4291012702



4278237418



4294020999

Square

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



4278237418



4292383697



4292975210



4285512322

Rectangle

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



4278237418



4288259569



4292975210



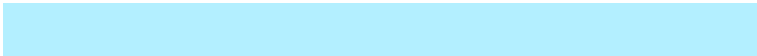
4289376097

Sweetspot

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



4278237418



4289982463



4278250031



4283594368



4278190080



4286611584

Same Dimension

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



4278237418



4278241791



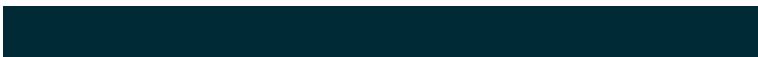
4278208234



4285166453



4278226613



4278200886

Inverse Universe

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



4293525688



4294901961



4293567488



4285885043



4290052238



4281729066

Previews

White Background



This preview shows how the Android color 4278237418 looks on a white background.

Color Contrast Check

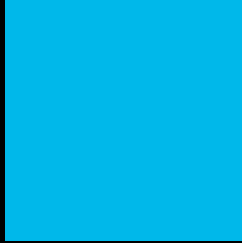
Large Text (above 18pt) WCAG AA × Fail

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 4278237418 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 4278237418 Background



This preview shows how black text looks on a background with the Android color 4278237418.



This preview shows how white text looks on a background with the Android color 4278237418.

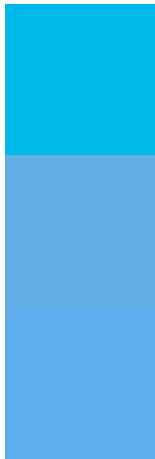
Color Blindness Simulation

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

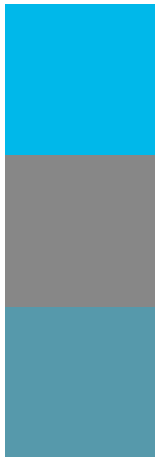


Original Color
4278237418

Protanomaly
4284657122

Deuteranomaly
4284263917

Monochromacy



Original Color
4278237418

Achromatopsia
4287072135

Achromatomaly
4283865515

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237418 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, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 234)  
}
```

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, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 234) }
```

Border

The CSS property to change the border of an element to Android 4278237418 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, 184, 234) }
```

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

```
.border{ border-color:rgb(0, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4278237418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 234) }
```

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

```
.background{ background-color: rgb(0, 184,  
234) }
```

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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