

Converting Colors

Android(4278237124)

Have a look what the booklet for
Android(4278237124) contains.

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Color

Android(4278237124)

Conversions

Conversions Part 1

Format	Color
Hex	00B7C4
RGB	0, 183, 196
RGB Percent	0%, 72%, 77%
CMY	1.0000, 0.2824, 0.2314
CMYK	1.00, 0.07, 0.00, 0.23
HSL	184°, 100%, 38%
HSV	184°, 100%, 77%
XYZ	26.8973, 37.8525, 58.1132
YIQ	129.7650, -113.2410, -34.7530

Conversions

Conversions Part 2

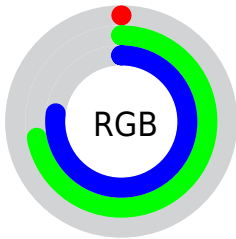
Format	Color
RYB	0, 95, 196
Decimal	47044
CIELab	67.91, -33.42, -17.56
CIELCh	68, 37.752, 207.712
Yxy	37.8525, 0.2189, 0.3081
Android (android.graphics.Color)	4278237124 (0xFF00B7C4)
YUV	129.7650, 32.6539, -113.8039
Hunter-Lab	61.5244, -29.6309, -12.9356

Details

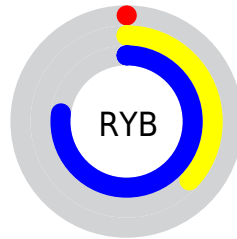
The Android color `4278237124` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as dark washed azure. A complement of this color would be `4291038464`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4284936189`, and `4278223246` is the 20% darker color. If you saturate the color by 10%, you get `4278237124`, and if you desaturate by 10%, it is `4279548100`.

Distribution



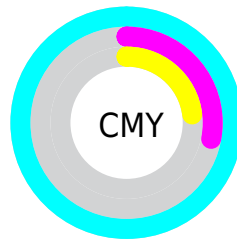
- Red (0%)
- Green (72%)
- Blue (77%)



- Red (0%)
- Yellow (37%)
- Blue (77%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237124 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 4278237124 by changing the saturation by 10% instead.

 4278237124

 4278237124

4294967295

 4278230185

 4284936189


 4278223246

 4287102975

 4278216821

 4289134591

 4278210396

 4291166207

 4278204229

 4293197823

 4278199342

 4278190362

 4278190080

 4278237124

■ 4279548100

■ 4280793796

■ 4282104772

■ 4283350212

■ 4284661444

■ 4285972420

■ 4287217860

■ 4288528836

■ 4289774532

Harmonies

Analogous

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



4282628002



4278237124



4281184990

Triad

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



4278237124



4291728074



4290683745

Complementary

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



4278237124



4291038464

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.



4292450157



4278237124



4293168041

Square

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



4278237124



4289109730



4293365128



4288392552

Rectangle

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



4278237124



4284132839



4293365128



4291338083

Sweetspot

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



4278237124



4289985279



4278240266



4283595904



4278190080



4286611584

Same Dimension

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



4278237124



4278251263



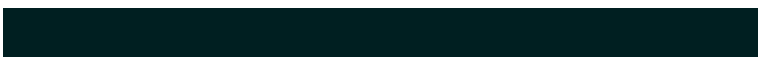
4278212804



4283916385



4278228641



4278198049

Inverse Universe

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



4291035319



4294901998



4291062784



4284569440



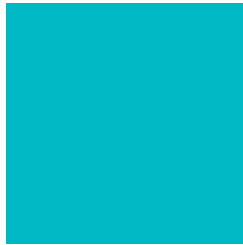
4288741526



4280352799

Previews

White Background



This preview shows how the Android color 4278237124 looks on a white background.

Color Contrast Check

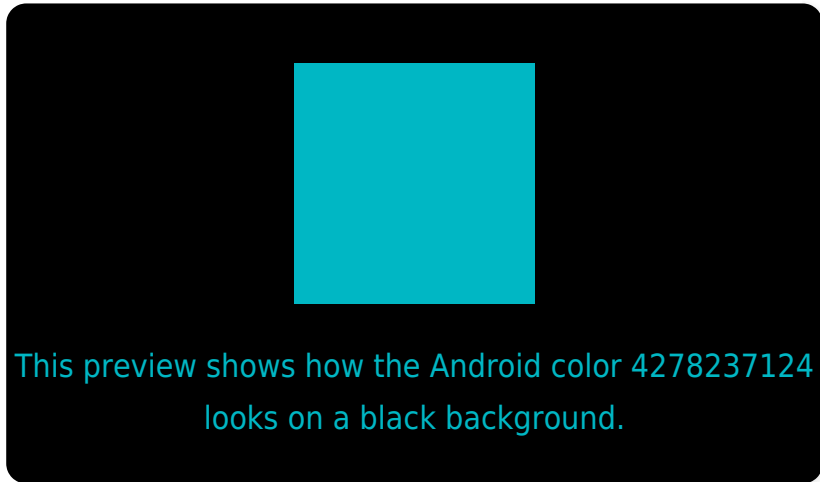
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

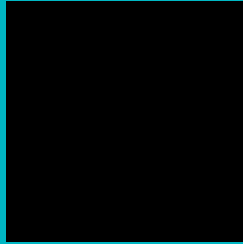
Any Text WCAG AA ✓ Pass

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 4278237124 Background



This preview shows how black text looks on a background with the Android color 4278237124.



This preview shows how white text looks on a background with the Android color 4278237124.

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
4278237124

Protanopia
4288848823

Deuteranopia
4288848329

Trichromacy



Original Color

4278237124



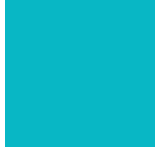
Protanomaly

4284983996



Deuteranomaly

4284983751



Tritanomaly

4278761413

Monochromacy



Original Color

4278237124



Achromatopsia

4286743170



Achromatomaly

4283667866

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237124 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, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 196)  
}
```

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, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 196) }
```

Border

The CSS property to change the border of an element to Android 4278237124 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, 183, 196) }
```

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

```
.border{ border-color:rgb(0, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4278237124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 196) }
```

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

```
.background{ background-color: rgb(0, 183,  
196) }
```

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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