

Converting Colors

Android(4278231768)

Have a look what the booklet for
Android(4278231768) contains.

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Color

Android(4278231768)

Conversions

Conversions Part 1

Format	Color
Hex	00A2D8
RGB	0, 162, 216
RGB Percent	0%, 64%, 85%
CMY	1.0000, 0.3647, 0.1529
CMYK	1.00, 0.25, 0.00, 0.15
HSL	195°, 100%, 42%
HSV	195°, 100%, 85%
XYZ	25.3150, 30.7985, 69.5762
YIQ	119.7180, -113.8860, -17.5500

Conversions

Conversions Part 2

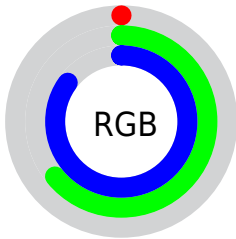
Format	Color
RYB	0, 93, 216
Decimal	41688
CIELab	62.34, -15.96, -37.20
CIELCh	62, 40.480, 246.778
Yxy	30.7985, 0.2014, 0.2450
Android (android.graphics.Color)	4278231768 (0xFF00A2D8)
YUV	119.7180, 47.4670, -104.9927
Hunter-Lab	55.4964, -15.6950, -35.4848

Details

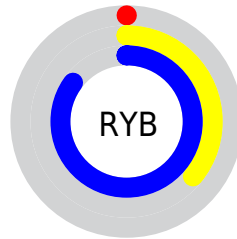
The Android color **4278231768** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **4292359680**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4284996095**, and **4278218401** is the 20% darker color. If you saturate the color by 10%, you get **4278231768**, and if you desaturate by 10%, it is **4279674840**.

Distribution



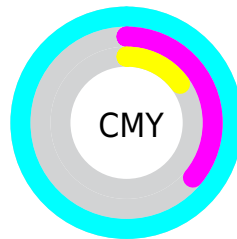
- Red (0%)
- Green (64%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231768 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 4278231768 by changing the saturation by 10% instead.

 4278231768

 4278231768

4294967295

 4278225084

 4284996095

 4278218401

 4287165951

 4278212230

 4289200127

 4278206317

 4291231743

 4278200660

 4293263359

 4278195005

 4278190886

 4278190352

 4278190080

■ 4278231768

■ 4279674840

■ 4281052632

■ 4282495704

■ 4283873496

■ 4285316568

■ 4286759640

■ 4288137432

■ 4289580504

■ 4290958296

Harmonies

Analogous

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



4278233281



4278231768



4285307102

Triad

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



4278231768



4292573584



4286554459

Complementary

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



4278231768



4292359680

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.



4289042254



4278231768



4292378478

Square

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



4278231768



4291460788



4291070805



4283475833

Rectangle

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



4278231768



4287926231



4291070805



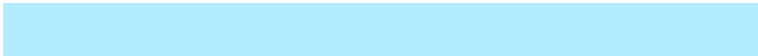
4287405653

Sweetspot

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



4278231768



4289981695



4278245430



4283593856



4278190080



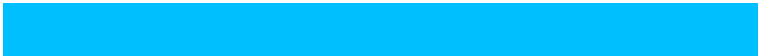
4286611584

Same Dimension

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



4278231768



4278239231



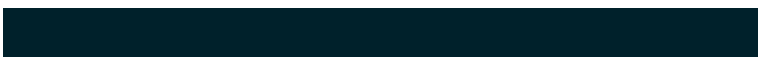
4278204120



4284508267



4278223019



4278198571

Inverse Universe

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



4292346018



4294901951



4292387328



4285227112



4289396864



4281008161

Previews

White Background



This preview shows how the Android color 4278231768 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 4278231768 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 4278231768 Background



This preview shows how black text looks on a background with the Android color 4278231768.



This preview shows how white text looks on a background with the Android color 4278231768.

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
4278231768



Protanomaly
4283800017



Deuteranomaly
4283275994



Tritanomaly
4278232512

Monochromacy



Original Color
4278231768



Achromatopsia
4286085240



Achromatomaly
4283205531

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231768 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, 162, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 216)  
}
```

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, 162, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 216) }
```

Border

The CSS property to change the border of an element to Android 4278231768 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, 162, 216) }
```

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

```
.border{ border-color:rgb(0, 162, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4278231768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 216) }
```

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

```
.background{ background-color: rgb(0, 162,  
216) }
```

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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