

Converting Colors

Android(4278364903)

Have a look what the booklet for
Android(4278364903) contains.

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Color

Android(4278364903)

Conversions

Conversions Part 1

Format	Color
Hex	02AAE7
RGB	2, 170, 231
RGB Percent	1%, 67%, 91%
CMY	0.9922, 0.3333, 0.0941
CMYK	0.99, 0.26, 0.00, 0.09
HSL	196°, 98%, 46%
HSV	196°, 99%, 91%
XYZ	28.8236, 34.5319, 80.7475
YIQ	126.7220, -119.7090, -16.6450

Conversions

Conversions Part 2

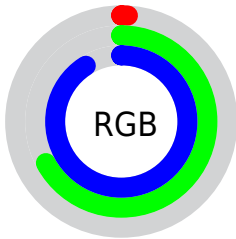
Format	Color
RYB	2, 99, 231
Decimal	174823
CIELab	65.38, -14.86, -40.72
CIELCh	65, 43.345, 249.945
Yxy	34.5319, 0.2000, 0.2396
Android (android.graphics.Color)	4278364903 (0xFF02AAE7)
YUV	126.7220, 51.4091, -109.3812
Hunter-Lab	58.7638, -15.2827, -40.3358

Details

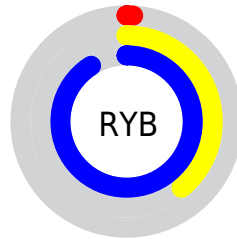
The Android color **4278364903** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **4293345026**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4285260287**, and **4278220463** is the 20% darker color. If you saturate the color by 10%, you get **4278233575**, and if you desaturate by 10%, it is **4279873767**.

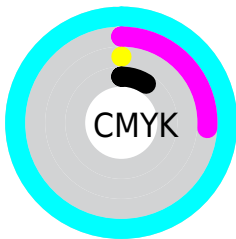
Distribution



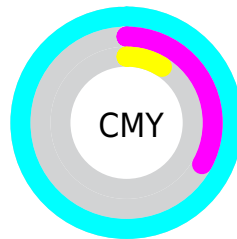
- Red (1%)
- Green (67%)
- Blue (91%)



- Red (1%)
- Yellow (39%)
- Blue (91%)



- Cyan (99%)
- Magenta (26%)
- Yellow (0%)
- Black (9%)



- Cyan (99%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278364903 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 4278364903 by changing the saturation by 10% instead.

 4278364903

 4278364903

4294967295

 4278227147

 4285260287


 4278220463

 4287495935

 4278214036

 4289527807

 4278208122

 4291624959

 4278202465

 4293656575

 4278197321

 4278191154

 4278190364

 4278190080

■ 4278364903

■ 4278364903

■ 4278233575

■ 4279873767

■ 4281382631

■ 4282891495

■ 4284400615

■ 4285909479

■ 4287483879

■ 4288992743

■ 4290501607

■ 4292010471

Harmonies

Analogous

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



4278235599



4278364903



4286095083

Triad

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



4278364903



4293492627



4286622561

Complementary

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



4278364903



4293345026

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.



4289372496



4278364903



4293101167

Square

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



4278364903



4292445114



4291597142



4283150723

Rectangle

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



4278364903



4288845282



4291597142



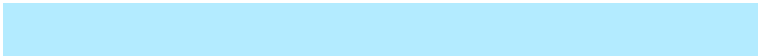
4287604825

Sweetspot

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



4278364903



4289981439



4278380347



4283593600



4278190080



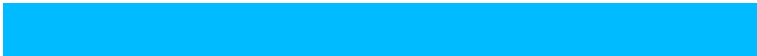
4286611584

Same Dimension

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



4278364903



4278238207



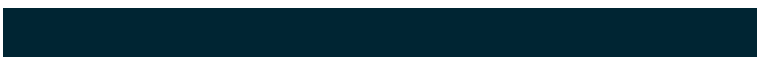
4278336487



4284969075



4278223795



4278199603

Inverse Universe

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



4293329578



4294901947



4293373442



4285753200



4289921155



4281532453

Previews

White Background



This preview shows how the Android color 4278364903 looks on a white background.

Color Contrast Check

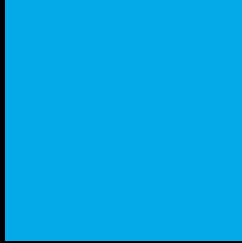
Large Text (above 18pt) WCAG AA × Fail

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 4278364903 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 4278364903 Background



This preview shows how black text looks on a background with the Android color 4278364903.



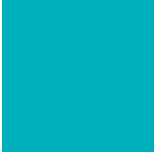
This preview shows how white text looks on a background with the Android color 4278364903.

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
4278364903



Protanomaly
4284063967



Deuteranomaly
4283474665



Tritanomaly
4278300108

Monochromacy



Original Color
4278364903



Achromatopsia
4286545791



Achromatomaly
4283600805

CSS Examples

Text

The CSS property to change the color of the text to Android 4278364903 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(2, 170, 231)` looks like.

```
.text, #text, p{  
    color:rgb(2, 170, 231)  
}
```

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(2, 170, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 170, 231) }
```

Border

The CSS property to change the border of an element to Android 4278364903 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(2, 170, 231) }
```

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

```
.border{ border-color:rgb(2, 170, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 170, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 170, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 170, 231);  
box-shadow:4px 4px 4px 4px rgb(2, 170,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4278364903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 170, 231) }
```

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

```
.background{ background-color: rgb(2, 170,  
231) }
```

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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