

Converting Colors

Android(4278233055)

Have a look what the booklet for
Android(4278233055) contains.

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Color

Android(4278233055)

Conversions

Conversions Part 1

Format	Color
Hex	00A7DF
RGB	0, 167, 223
RGB Percent	0%, 65%, 87%
CMY	1.0000, 0.3451, 0.1255
CMYK	1.00, 0.25, 0.00, 0.13
HSL	195°, 100%, 44%
HSV	195°, 100%, 87%
XYZ	27.1380, 32.9651, 74.7446
YIQ	123.4510, -117.5080, -17.9880

Conversions

Conversions Part 2

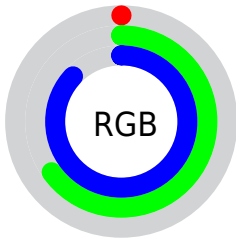
Format	Color
RYB	0, 95, 223
Decimal	42975
CIELab	64.13, -16.16, -38.27
CIELCh	64, 41.540, 247.111
Yxy	32.9651, 0.2012, 0.2445
Android (android.graphics.Color)	4278233055 (0xFF00A7DF)
YUV	123.4510, 49.0777, -108.2665
Hunter-Lab	57.4153, -16.1066, -36.9945

Details

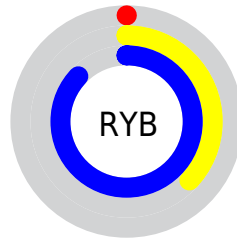
The Android color `4278233055` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292818944`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285128447`, and `4278219688` is the 20% darker color. If you saturate the color by 10%, you get `4278233055`, and if you desaturate by 10%, it is `4279676383`.

Distribution



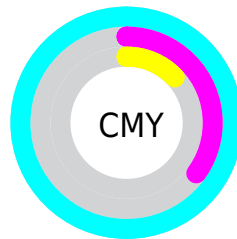
- Red (0%)
- Green (65%)
- Blue (87%)



- Red (0%)
- Yellow (37%)
- Blue (87%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233055 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 4278233055 by changing the saturation by 10% instead.



4278233055



4278233055

4294967295



4278226371



4285128447



4278219688



4287298559



4278213517



4289396735



4278207347



4291428351



4278201690



4293459967



4278196802



4278190892



4278190358



4278190080

■ 4278233055

■ 4279676383

■ 4281184991

■ 4282628319

■ 4284071391

■ 4285580255

■ 4287023583

■ 4288466655

■ 4289909983

■ 4291418591

Harmonies

Analogous

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



4278234567



4278233055



4285570277

Triad

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



4278233055



4293033364



4286752351

Complementary

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



4278233055



4292818944

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.



4289371216



4278233055



4292772721

Square

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



4278233055



4291920569



4291465047



4283608189

Rectangle

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



4278233055



4288254941



4291465047



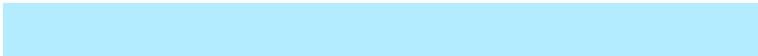
4287669080

Sweetspot

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



4278233055



4289981695



4278247224



4283593856



4278190080



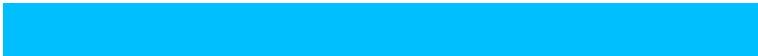
4286611584

Same Dimension

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



4278233055



4278239231



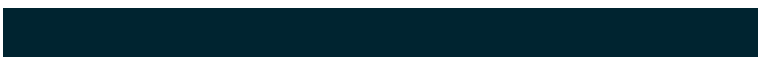
4278204639



4284837232



4278224048



4278199344

Inverse Universe

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



4292804775



4294901951



4292847360



4285556077



4289724548



4281335844

Previews

White Background



This preview shows how the Android color 4278233055 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 4278233055 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 4278233055 Background



This preview shows how black text looks on a background with the Android color 4278233055.



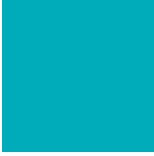
This preview shows how white text looks on a background with the Android color 4278233055.

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

4278233055



Protanomaly

4283932119



Deuteranomaly

4283408097



Tritanomaly

4278233799

Monochromacy



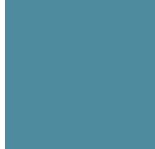
Original Color

4278233055



Achromatopsia

4286282619



Achromatomaly

4283337631

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233055 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, 167, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 223)  
}
```

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, 167, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 223) }
```

Border

The CSS property to change the border of an element to Android 4278233055 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, 167, 223) }
```

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

```
.border{ border-color:rgb(0, 167, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 167, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 167, 223); box-shadow:4px 4px 4px 4px rgb(0, 167, 223) }
```

Background

The CSS property to change the background color of an element to Android 4278233055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 223) }
```

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

```
.background{ background-color: rgb(0, 167,  
223) }
```

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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