

Converting Colors

Android(4278234855)

Have a look what the booklet for
Android(4278234855) contains.

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Color

Android(4278234855)

Conversions

Conversions Part 1

Format	Color
Hex	00AEE7
RGB	0, 174, 231
RGB Percent	0%, 68%, 91%
CMY	1.0000, 0.3176, 0.0941
CMYK	1.00, 0.25, 0.00, 0.09
HSL	195°, 100%, 45%
HSV	195°, 100%, 91%
XYZ	29.5599, 36.0416, 81.0001
YIQ	128.4720, -122.0010, -19.1610

Conversions

Conversions Part 2

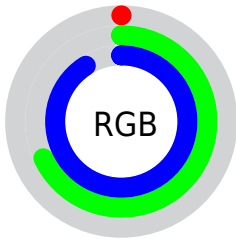
Format	Color
RYB	0, 99, 231
Decimal	44775
CIELab	66.55, -17.07, -38.89
CIELCh	67, 42.469, 246.305
Yxy	36.0416, 0.2016, 0.2458
Android (android.graphics.Color)	4278234855 (0xFF00AEE7)
YUV	128.4720, 50.5463, -112.6699
Hunter-Lab	60.0347, -17.1709, -37.9711

Details

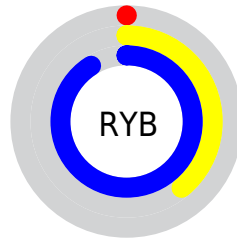
The Android color `4278234855` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4293343488`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285261311`, and `4278221487` is the 20% darker color. If you saturate the color by 10%, you get `4278234855`, and if you desaturate by 10%, it is `4279743719`.

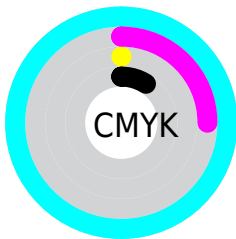
Distribution



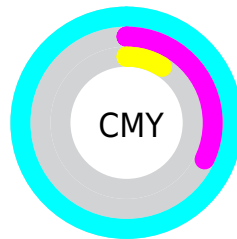
- Red (0%)
- Green (68%)
- Blue (91%)



- Red (0%)
- Yellow (39%)
- Blue (91%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)




















- Cyan (100%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278234855 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 4278234855 by changing the saturation by 10% instead.

 4278234855	 4278234855
 4294967295	 4278227915
 4285261311	 4278221487
 4287496191	 4278215060
 4289593343	 4278208890
 4291624959	 4278203233
 4293656575	 4278198089
	 4278191154
	 4278190620
	 4278190080

 4278234855

 4279743719

 4281252327

 4282761191

 4284270055

 4285844455

 4287353063

 4288861927

 4290370791

 4291879399

Harmonies

Analogous

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



4278236366



4278234855



4285834221

Triad

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



4278234855



4293559195



4287212899

Complementary

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



4278234855



4293343488

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.



4289897044



4278234855



4293363831

Square

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



4278234855



4292380865



4292056412



4284003202

Rectangle

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



4278234855



4288584422



4292056412



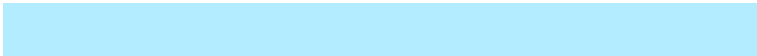
4288195163

Sweetspot

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



4278234855



4289981695



4278249270



4283593856



4278190080



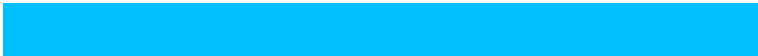
4286611584

Same Dimension

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



4278234855



4278239487



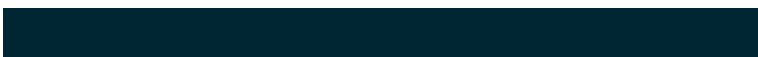
4278206183



4284969075



4278224563



4278199859

Inverse Universe

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



4293329070



4294901952



4293372160



4285753200



4289921158



4281532454

Previews

White Background



This preview shows how the Android color 4278234855 looks on a white background.

Color Contrast Check

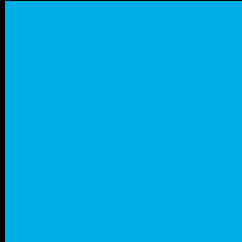
Large Text (above 18pt) WCAG AA × Fail

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 4278234855 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 4278234855 Background



This preview shows how black text looks on a background with the Android color 4278234855.



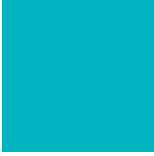
This preview shows how white text looks on a background with the Android color 4278234855.

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

4278234855



Protanomaly

4284196063



Deuteranomaly

4283672041



Tritanomaly

4278235598

Monochromacy



Original Color

4278234855



Achromatopsia

4286611584



Achromatomaly

4283535781

CSS Examples

Text

The CSS property to change the color of the text to Android 4278234855 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, 174, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 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(0, 174, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 231) }
```

Border

The CSS property to change the border of an element to Android 4278234855 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, 174, 231) }
```

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

```
.border{ border-color:rgb(0, 174, 231) }
```

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

Here you see how a box with a 4 pixel rgb(0, 174, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4278234855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 231) }
```

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

```
.background{ background-color: rgb(0, 174,  
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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