

Converting Colors

Android(4280855238)

Have a look what the booklet for
Android(4280855238) contains.

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Color

Android(4280855238)

Conversions

Conversions Part 1

Format	Color
Hex	28AAC6
RGB	40, 170, 198
RGB Percent	16%, 67%, 78%
CMY	0.8431, 0.3333, 0.2235
CMYK	0.80, 0.14, 0.00, 0.22
HSL	191°, 66%, 47%
HSV	191°, 80%, 78%
XYZ	25.4428, 33.2778, 58.5084
YIQ	134.3220, -86.4680, -18.8520

Conversions

Conversions Part 2

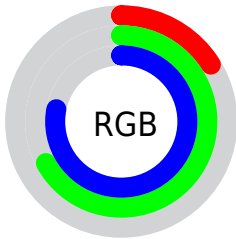
Format	Color
RYB	40, 111, 198
Decimal	2665158
CIELab	64.39, -24.25, -24.00
CIELCh	64, 34.119, 224.709
Yxy	33.2778, 0.2170, 0.2839
Android (android.graphics.Color)	4280855238 (0xFF28AAC6)
YUV	134.3220, 31.3933, -82.7204
Hunter-Lab	57.6869, -22.2245, -19.7535

Details

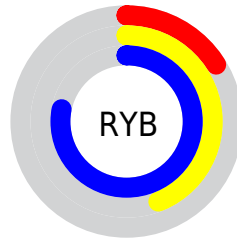
The Android color `4280855238` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291183656`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285588223`, and `4278220432` is the 20% darker color. If you saturate the color by 10%, you get `4279543494`, and if you desaturate by 10%, it is `4282166982`.

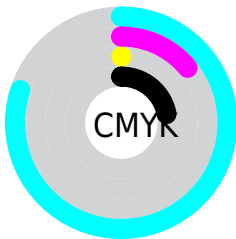
Distribution



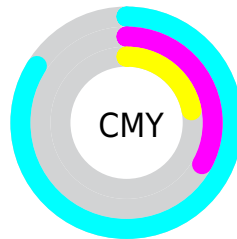
- Red (16%)
- Green (67%)
- Blue (78%)



- Red (16%)
- Yellow (44%)
- Blue (78%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280855238 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 4280855238 by changing the saturation by 10% instead.

 4280855238

 4280855238

4294967295

 4278226859

 4285588223

 4278220432

 4287627007

 4278214006

 4289658879

 4278207838

 4291624959

 4278201926

 4293591039

 4278196783

 4278190362

 4278190080

 4280855238

 4280855238

■ 4279543494

■ 4282166982

■ 4278232006

■ 4283478470

■ 4284724678

■ 4286036166

■ 4287347910

■ 4288659398

■ 4289971142

■ 4291217094

■ 4292528838

Harmonies

Analogous

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



4281445802



4280855238



4283868374

Triad

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



4280855238



4291724973



4288782176

Complementary

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



4280855238



4291183656

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.



4290680162



4280855238



4292380046

Square

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



4280855238



4289957832



4291988339



4286556016

Rectangle

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



4280855238



4286160344



4291988339



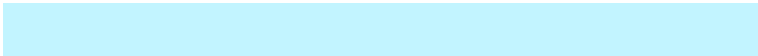
4289502303

Sweetspot

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



4280855238



4290966783



4280862274



4284184960



4278190080



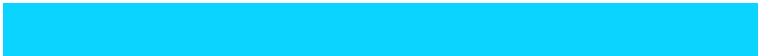
4286611584

Same Dimension

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



4280855238



4278899967



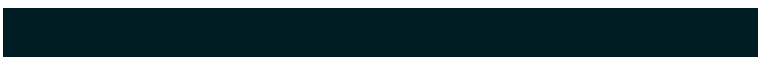
4280835526



4284113507



4278224547



4278197540

Inverse Universe

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



4291176618



4294904532



4291203368



4284701282



4288872582



4280549405

Previews

White Background



This preview shows how the Android color 4280855238 looks on a white background.

Color Contrast Check

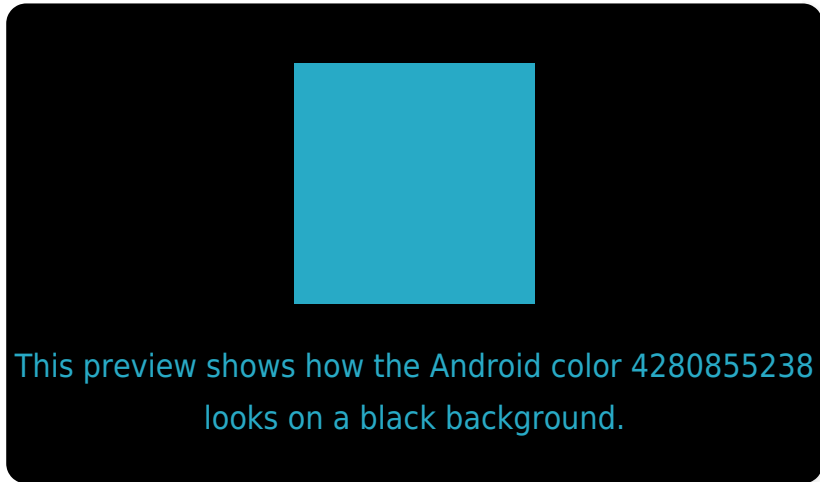
Large Text (above 18pt) WCAG AA × Fail

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

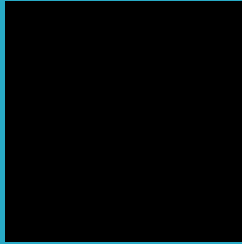
Any Text WCAG AA ✓ Pass

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 4280855238 Background



This preview shows how black text looks on a background with the Android color 4280855238.



This preview shows how white text looks on a background with the Android color 4280855238.

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
4280855238

Protanomaly
4285374654

Deuteranomaly
4285243337

Tritanomaly
4280200126

Monochromacy



Original Color
4280855238

Achromatopsia
4287006342

Achromatomaly
4284781469

CSS Examples

Text

The CSS property to change the color of the text to Android 4280855238 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(40, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(40, 170, 198)  
}
```

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(40, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 170, 198) }
```

Border

The CSS property to change the border of an element to Android 4280855238 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(40, 170, 198) }
```

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

```
.border{ border-color:rgb(40, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(40, 170,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4280855238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 170, 198) }
```

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

```
.background{ background-color: rgb(40, 170,  
198) }
```

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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