

Converting Colors

Android(4278238156)

Have a look what the booklet for
Android(4278238156) contains.

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Color

Android(4278238156)

Conversions

Conversions Part 1

Format	Color
Hex	00BBCC
RGB	0, 187, 204
RGB Percent	0%, 73%, 80%
CMY	1.0000, 0.2667, 0.2000
CMYK	1.00, 0.08, 0.00, 0.20
HSL	185°, 100%, 40%
HSV	185°, 100%, 80%
XYZ	28.6694, 39.9003, 63.3172
YIQ	133.0250, -116.9090, -34.3570

Conversions

Conversions Part 2

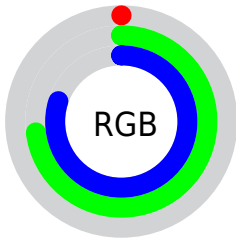
Format	Color
RYB	0, 98, 204
Decimal	48076
CIELab	69.40, -32.77, -19.70
CIELCh	69, 38.238, 211.007
Yxy	39.9003, 0.2174, 0.3025
Android (android.graphics.Color)	4278238156 (0xFF00BBCC)
YUV	133.0250, 34.9907, -116.6629
Hunter-Lab	63.1667, -29.5260, -15.2147

Details

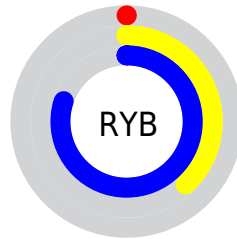
The Android color **4278238156** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **4291563776**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285068543**, and **4278224278** is the 20% darker color. If you saturate the color by 10%, you get **4278238156**, and if you desaturate by 10%, it is **4279549388**.

Distribution



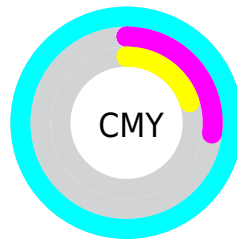
- Red (0%)
- Green (73%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238156 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 4278238156 by changing the saturation by 10% instead.

 4278238156

 4278238156

4294967295

 4278231217

 4285068543


 4278224278

 4287234047

 4278217852

 4289265663

 4278211427

 4291297279

 4278205259

 4293328895

 4278199860

 4278190624

 4278190083

 4278190080

 4278238156

 4279549388

 4280925900

 4282237132

 4283613900

 4284925132

 4286236108

 4287612876

 4288924108

 4290300620

Harmonies

Analogous

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



4282432681



4278238156



4281906917

Triad

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



4278238156



4292252876



4290750563

Complementary

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



4278238156



4291563776

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.



4292582510



4278238156



4293562026

Square

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



4278238156



4289700069



4293628552



4288393837

Rectangle

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



4278238156



4284788973



4293628552



4291470437

Sweetspot

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



4278238156



4289985023



4278242321



4283595904



4278190080



4286611584

Same Dimension

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



4278238156



4278250239



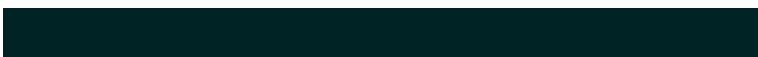
4278212044



4284245350



4278229158



4278199078

Inverse Universe

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



4291559611



4294901994



4291589888



4284898405



4289069208



4280680483

Previews

White Background



This preview shows how the Android color 4278238156 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 4278238156 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

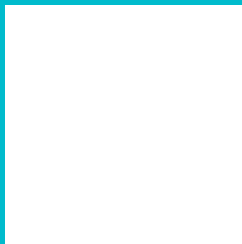
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278238156 Background



This preview shows how black text looks on a background with the Android color 4278238156.



This preview shows how white text looks on a background with the Android color 4278238156.

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

4278238156



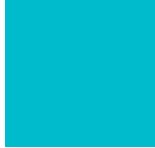
Protanomaly

4285116100



Deuteranomaly

4285050319



Tritanomaly

4278238155

Monochromacy



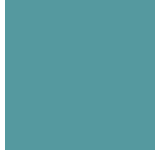
Original Color

4278238156



Achromatopsia

4286940549



Achromatomaly

4283799967

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238156 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, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 204)  
}
```

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, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 204) }
```

Border

The CSS property to change the border of an element to Android 4278238156 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, 187, 204) }
```

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

```
.border{ border-color:rgb(0, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 187, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 187, 204); box-shadow:4px 4px 4px 4px rgb(0, 187, 204) }
```

Background

The CSS property to change the background color of an element to Android 4278238156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 204) }
```

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

```
.background{ background-color: rgb(0, 187,  
204) }
```

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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