

Converting Colors

Android(4278238667)

Have a look what the booklet for
Android(4278238667) contains.

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Color

Android(4278238667)

Conversions

Conversions Part 1

Format	Color
Hex	00BDCB
RGB	0, 189, 203
RGB Percent	0%, 74%, 80%
CMY	1.0000, 0.2588, 0.2039
CMYK	1.00, 0.07, 0.00, 0.20
HSL	184°, 100%, 40%
HSV	184°, 100%, 80%
XYZ	28.9771, 40.7070, 62.8299
YIQ	134.0850, -117.1380, -35.7140

Conversions

Conversions Part 2

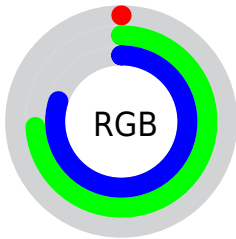
Format	Color
RYB	0, 98, 203
Decimal	48587
CIELab	69.97, -34.04, -18.28
CIELCh	70, 38.641, 208.238
Yxy	40.7070, 0.2187, 0.3072
Android (android.graphics.Color)	4278238667 (0xFF00BDCB)
YUV	134.0850, 33.9751, -117.5925
Hunter-Lab	63.8020, -30.5839, -13.7252

Details

The Android color **4278238667** 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 **4291497472**, and the grayscale version is **4287006342**.

A 20% lighter version of the original color is **4285069055**, and **4278224789** is the 20% darker color. If you saturate the color by 10%, you get **4278238667**, and if you desaturate by 10%, it is **4279549643**.

Distribution



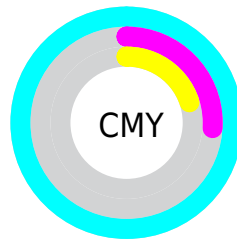
- Red (0%)
- Green (74%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278238667 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 4278238667 by changing the saturation by 10% instead.



4278238667



4278238667

4294967295



4278231728



4285069055



4278224789



4287234047



4278218107



4289265663



4278211682



4291362815



4278205514



4293394431



4278200116



4278190623



4278190082



4278190080

■ 4278238667

■ 4279549643

■ 4280926411

■ 4282237387

■ 4283548619

■ 4284925131

■ 4286236107

■ 4287547339

■ 4288858315

■ 4290235083

Harmonies

Analogous

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



4282760872



4278238667



4281383142

Triad

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



4278238667



4292187856



4291078244

Complementary

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



4278238667



4291497472

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.



4292910192



4278238667



4293693614

Square

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



4278238667



4289504233



4293825164



4288721772

Rectangle

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



4278238667



4284396527



4293825164



4291732582

Sweetspot

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



4278238667



4289985279



4278242062



4283595904



4278190080



4286611584

Same Dimension

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



4278238667



4278251007



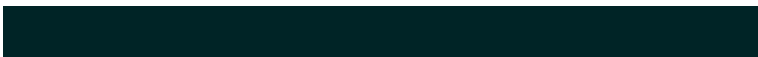
4278212811



4284245350



4278229670



4278199334

Inverse Universe

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



4291494077



4294901997



4291523328



4284898405



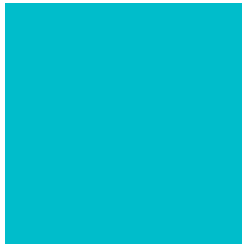
4289069210



4280680484

Previews

White Background



This preview shows how the Android color 4278238667 looks on a white background.

Color Contrast Check

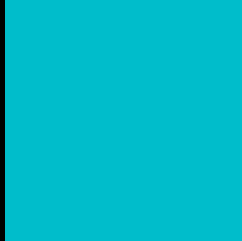
Large Text (above 18pt) WCAG AA × Fail

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 4278238667 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 4278238667 Background



This preview shows how black text looks on a background with the Android color 4278238667.



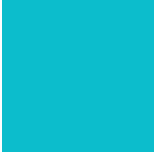
This preview shows how white text looks on a background with the Android color 4278238667.

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





Tritanopia
4279025100

Trichromacy



Original Color

4278238667



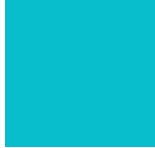
Protanomaly

4285182147



Deuteranomaly

4285181646



Tritanomaly

4278762956

Monochromacy



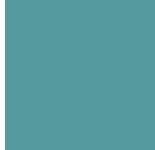
Original Color

4278238667



Achromatopsia

4287006342



Achromatomaly

4283800223

CSS Examples

Text

The CSS property to change the color of the text to Android 4278238667 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 203) }
```

Border

The CSS property to change the border of an element to Android 4278238667 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, 189, 203) }
```

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

```
.border{ border-color:rgb(0, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4278238667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 203) }
```

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

```
.background{ background-color: rgb(0, 189,  
203) }
```

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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