

Converting Colors

Android(4278638787)

Have a look what the booklet for
Android(4278638787) contains.

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Color

Android(4278638787)

Conversions

Conversions Part 1

Format	Color
Hex	06D8C3
RGB	6, 216, 195
RGB Percent	2%, 85%, 76%
CMY	0.9765, 0.1529, 0.2353
CMYK	0.97, 0.00, 0.10, 0.15
HSL	174°, 95%, 44%
HSV	174°, 97%, 85%
XYZ	34.4813, 53.0906, 60.0599
YIQ	150.8160, -118.4190, -51.0510

Conversions

Conversions Part 2

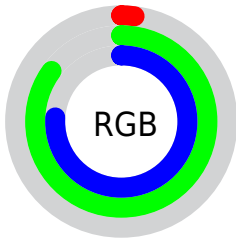
Format	Color
RYB	6, 117, 216
Decimal	448707
CIELab	77.93, -48.26, -2.08
CIELCh	78, 48.306, 182.465
Yxy	53.0906, 0.2336, 0.3596
Android (android.graphics.Color)	4278638787 (0xFF06D8C3)
YUV	150.8160, 21.7827, -127.0036
Hunter-Lab	72.8633, -43.0387, 2.1326

Details

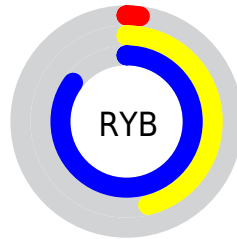
The Android color `4278638787` is a dark color, and the websafe version is hex `00CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4292347419`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4285399035`, and `4278231181` is the 20% darker color. If you saturate the color by 10%, you get `4278245570`, and if you desaturate by 10%, it is `4280080581`.

Distribution



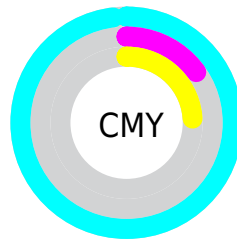
- Red (2%)
- Green (85%)
- Blue (76%)



- Red (2%)
- Yellow (46%)
- Blue (85%)



- Cyan (97%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (98%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278638787 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 4278638787 by changing the saturation by 10% instead.

 4278638787

 4278638787

4294967295

 4278238376

 4285399035

 4278231181

 4287561727

 4278224244

 4289658879

 4278217563

 4291756031

 4278211140

 4293787647

 4278204718

 4278199065

 4278190080

 4278638787

 4278638787

■ 4278245570

■ 4280080581

■ 4281456839

■ 4282898633

■ 4284274892

■ 4285716686

■ 4287158480

■ 4288534738

■ 4289976532

■ 4291352790

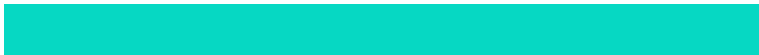
Harmonies

Analogous

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



4285715606



4278638787



4278245359

Triad

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



4278638787



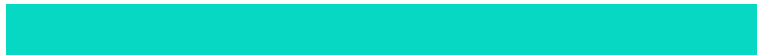
4291474687



4294881138

Complementary

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



4278638787



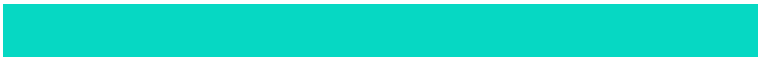
4292347419

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.



4294943123



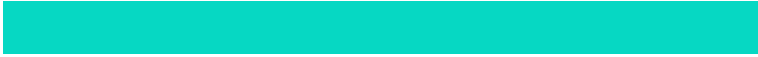
4278638787



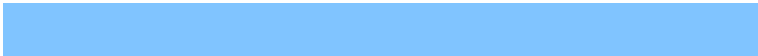
4294747371

Square

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



4278638787



4286629119



4294941887



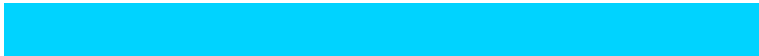
4292460389

Rectangle

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



4278638787



4278244351



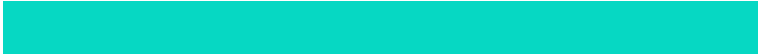
4294941887



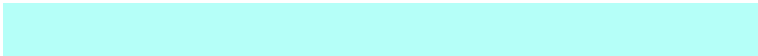
4294945403

Sweetspot

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



4278638787



4290117624



4280014854



4283662459



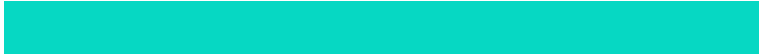
4278190080



4286611584

Same Dimension

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



4278638787



4278255589



4278617304



4284509034



4278234010



4278201127

Inverse Universe

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



4292347419



4294901786



4292368902



4285227105



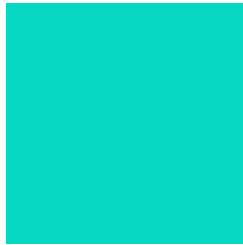
4289396753



4281008132

Previews

White Background



This preview shows how the Android color 4278638787 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 4278638787 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

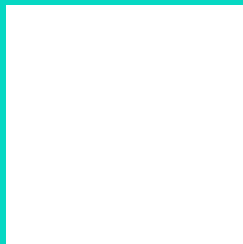
Any Text WCAG AAA ✓ Pass

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

Android 4278638787 Background



This preview shows how black text looks on a background with the Android color 4278638787.

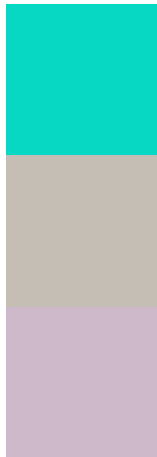


This preview shows how white text looks on a background with the Android color 4278638787.

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



Original Color
4278638787

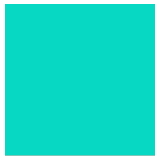
Protanopia
4291149493

Deuteranopia
4291672522



Tritanopia
4281848804

Trichromacy



Original Color

4278638787



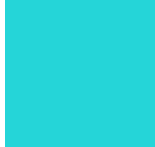
Protanomaly

4286629818



Deuteranomaly

4286956743



Tritanomaly

4280669656

Monochromacy



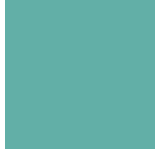
Original Color

4278638787



Achromatopsia

4288124823



Achromatomaly

4284657575

CSS Examples

Text

The CSS property to change the color of the text to Android 4278638787 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(6, 216, 195)` looks like.

```
.text, #text, p{  
    color:rgb(6, 216, 195)  
}
```

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(6, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 216, 195) }
```

Border

The CSS property to change the border of an element to Android 4278638787 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(6, 216, 195) }
```

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

```
.border{ border-color:rgb(6, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(6, 216,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4278638787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 216, 195) }
```

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

```
.background{ background-color: rgb(6, 216,  
195) }
```

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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