

Converting Colors

Android(4278247396)

Have a look what the booklet for
Android(4278247396) contains.

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Color

Android(4278247396)

Conversions

Conversions Part 1

Format	Color
Hex	00DFE4
RGB	0, 223, 228
RGB Percent	0%, 87%, 89%
CMY	1.0000, 0.1255, 0.1059
CMYK	1.00, 0.02, 0.00, 0.11
HSL	181°, 100%, 45%
HSV	181°, 100%, 89%
XYZ	40.3913, 58.3768, 82.5378
YIQ	156.8930, -134.5130, -45.7210

Conversions

Conversions Part 2

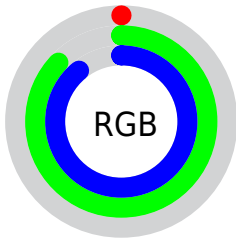
Format	Color
RYB	0, 113, 228
Decimal	57316
CIELab	80.95, -41.97, -15.21
CIELCh	81, 44.637, 199.919
Yxy	58.3768, 0.2228, 0.3220
Android (android.graphics.Color)	4278247396 (0xFF00DFE4)
YUV	156.8930, 35.0558, -137.5952
Hunter-Lab	76.4047, -39.3444, -10.5660

Details

The Android color **4278247396** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293133568**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4285661183**, and **4278233005** is the 20% darker color. If you saturate the color by 10%, you get **4278247396**, and if you desaturate by 10%, it is **4279754980**.

Distribution



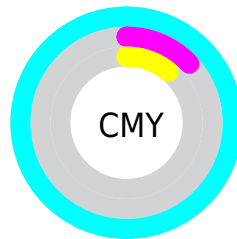
- Red (0%)
- Green (87%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247396 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 4278247396 by changing the saturation by 10% instead.

 4278247396

 4278247396

4294967295

 4278240200

 4285661183

 4278233005

 4287889407

 4278226066

 4290052095

 4278219384

 4292149247

 4278212960

 4294246399

 4278206536

 4278200881

 4278192157

 4278190080

 4278247396

 4279754980

 4281262308

 4282704356


 4284211684

 4285719268

 4287226596

 4288734180

 4290175972

 4291683556

Harmonies

Analogous

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



4284538553



4278247396



4278443007

Triad

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



4278247396



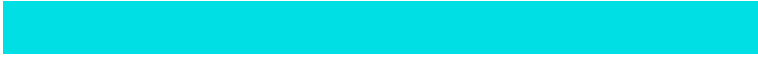
4293965055



4294034038

Complementary

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



4278247396



4293133568

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.



4294947723



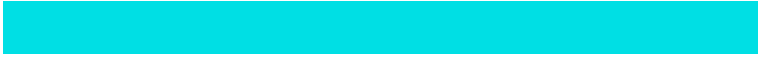
4278247396



4294945497

Square

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



4278247396



4290364415



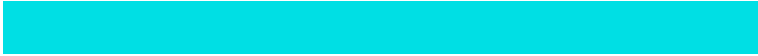
4294945199



4291350393

Rectangle

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



4278247396



4283815423



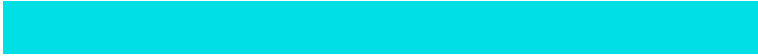
4294945199



4294753659

Sweetspot

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



4278247396



4289986047



4278248452



4283596416



4278190080



4286611584

Same Dimension

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



4278247396



4278254079



4278218468



4284969587



4278235059



4278202931

Inverse Universe

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



4293132511



4294902009



4293162496



4285753202



4289921199



4281532466

Previews

White Background



This preview shows how the Android color 4278247396 looks on a white background.

Color Contrast Check

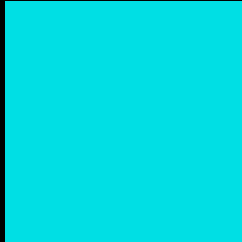
Large Text (above 18pt) WCAG AA × Fail

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 4278247396 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

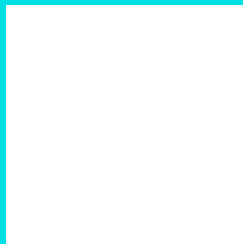
Any Text WCAG AAA ✓ Pass

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

Android 4278247396 Background



This preview shows how black text looks on a background with the Android color 4278247396.

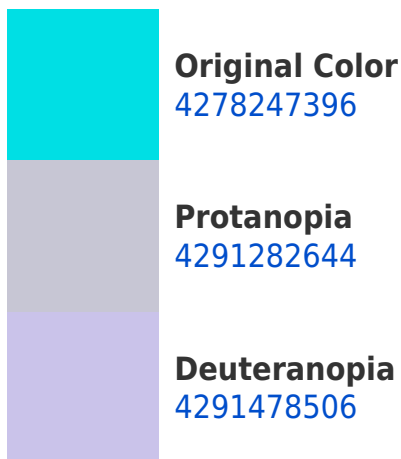


This preview shows how white text looks on a background with the Android color 4278247396.

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

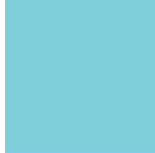


Trichromacy



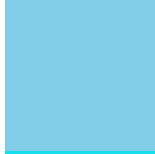
Original Color

4278247396



Protanomaly

4286566362



Deuteranomaly

4286696936



Tritanomaly

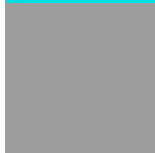
4279688939

Monochromacy



Original Color

4278247396



Achromatopsia

4288519581



Achromatomaly

4284790199

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247396 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, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 228)  
}
```

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, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 228) }
```

Border

The CSS property to change the border of an element to Android 4278247396 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, 223, 228) }
```

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

```
.border{ border-color:rgb(0, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
228) }
```

Background

The CSS property to change the background color of an element to Android 4278247396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 228) }
```

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

```
.background{ background-color: rgb(0, 223,  
228) }
```

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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