

Converting Colors

Android(4278246864)

Have a look what the booklet for
Android(4278246864) contains.

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Color

Android(4278246864)

Conversions

Conversions Part 1

Format	Color
Hex	00DDDD
RGB	0, 221, 208
RGB Percent	0%, 87%, 82%
CMY	1.0000, 0.1333, 0.1843
CMYK	1.00, 0.00, 0.06, 0.13
HSL	176°, 100%, 43%
HSV	176°, 100%, 87%
XYZ	37.2416, 56.2670, 68.5723
YIQ	153.4390, -127.5430, -50.8950

Conversions

Conversions Part 2

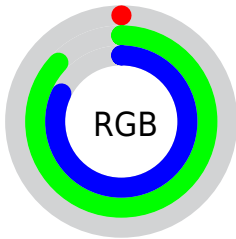
Format	Color
RYB	0, 114, 221
Decimal	56784
CIELab	79.77, -46.91, -6.32
CIELCh	80, 47.331, 187.673
Yxy	56.2670, 0.2298, 0.3472
Android (android.graphics.Color)	4278246864 (0xFF00DDD0)
YUV	153.4390, 26.8986, -134.5660
Hunter-Lab	75.0113, -42.6481, -1.6926

Details

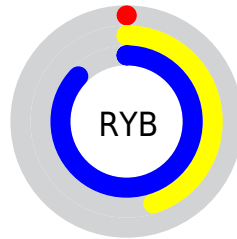
The Android color **4278246864** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292673549**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285464575**, and **4278232474** is the 20% darker color. If you saturate the color by 10%, you get **4278246864**, and if you desaturate by 10%, it is **4279688657**.

Distribution



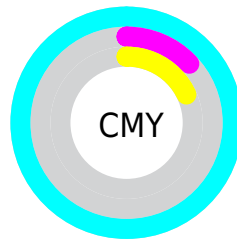
- Red (0%)
- Green (87%)
- Blue (82%)



- Red (0%)
- Yellow (45%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246864 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 4278246864 by changing the saturation by 10% instead.

 4278246864

 4278246864

4294967295

 4278239668

 4285464575


 4278232474

 4287692799

 4278225536

 4289789951

 4278218855

 4291887103

 4278212175

 4293984255

 4278206008


 4278200355

 4278190350

 4278190080

 4278246864

 4279688657

 4281130451

 4282572244

 4284014037

 4285521367

 4286963160

 4288404953

 4289846746

 4291288540

Harmonies

Analogous

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



4285455011



4278246864



4278246394

Triad

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



4278246864



4292458239



4294817908

Complementary

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



4278246864



4292673549

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.



4294945170



4278246864



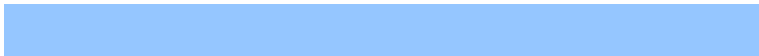
4294944744

Square

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



4278246864



4288005887



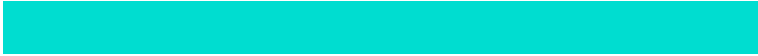
4294943420



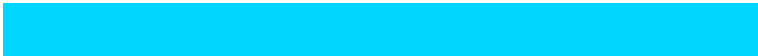
4292331372

Rectangle

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



4278246864



4278245119



4294943420



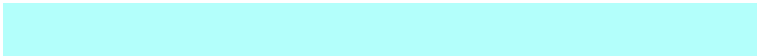
4294947452

Sweetspot

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



4278246864



4289986555



4279229696



4283596925



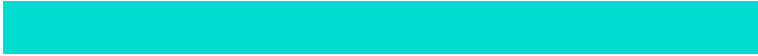
4278190080



4286611584

Same Dimension

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



4278246864



4278255600



4278222301



4284706413



4278234531



4278201899

Inverse Universe

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



4292673549



4294901775



4292698112



4285424483



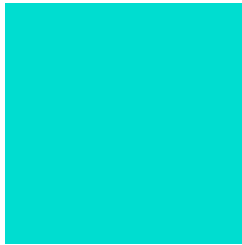
4289527818



4281204739

Previews

White Background



This preview shows how the Android color 4278246864 looks on a white background.

Color Contrast Check

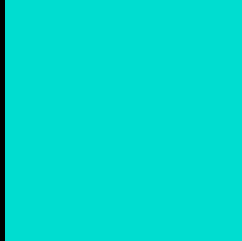
Large Text (above 18pt) WCAG AA × Fail

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 4278246864 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

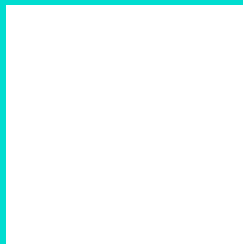
Any Text WCAG AAA ✓ Pass

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

Android 4278246864 Background



This preview shows how black text looks on a background with the Android color 4278246864.

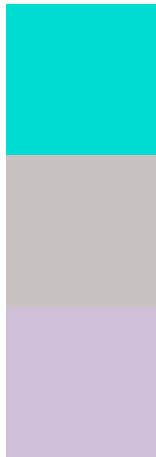


This preview shows how white text looks on a background with the Android color 4278246864.

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
4278246864

Protanopia
4291347393

Deuteranopia
4291805143

Trichromacy



Original Color

4278246864



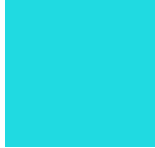
Protanomaly

4286565574



Deuteranomaly

4286892756



Tritanomaly

4280343265

Monochromacy



Original Color

4278246864



Achromatopsia

4288256409



Achromatomaly

4284592813

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246864 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, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 208)  
}
```

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, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 208) }
```

Border

The CSS property to change the border of an element to Android 4278246864 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, 221, 208) }
```

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

```
.border{ border-color:rgb(0, 221, 208) }
```

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

Here you see how a box with a 4 pixel rgb(0, 221, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4278246864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 208) }
```

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

```
.background{ background-color: rgb(0, 221,  
208) }
```

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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