

Converting Colors

Android(4278242487)

Have a look what the booklet for
Android(4278242487) contains.

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Color

Android(4278242487)

Conversions

Conversions Part 1

Format	Color
Hex	00CCB7
RGB	0, 204, 183
RGB Percent	0%, 80%, 72%
CMY	1.0000, 0.2000, 0.2824
CMYK	1.00, 0.00, 0.10, 0.20
HSL	174°, 100%, 40%
HSV	174°, 100%, 80%
XYZ	30.1401, 46.6046, 52.2068
YIQ	140.6100, -114.8430, -49.7790

Conversions

Conversions Part 2

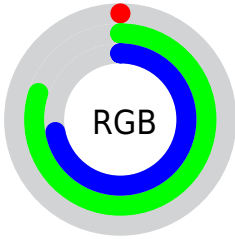
Format	Color
RYB	0, 108, 204
Decimal	52407
CIELab	73.94, -46.69, -1.48
CIELCh	74, 46.718, 181.810
Yxy	46.6046, 0.2337, 0.3614
Android (android.graphics.Color)	4278242487 (0xFF00CCB7)
YUV	140.6100, 20.8983, -123.3150
Hunter-Lab	68.2676, -40.6606, 2.4460

Details

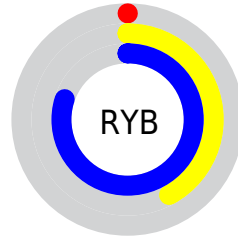
The Android color **4278242487** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **4291559445**, and the grayscale version is **4287401100**.

A 20% lighter version of the original color is **4285071343**, and **4278228354** is the 20% darker color. If you saturate the color by 10%, you get **4278242487**, and if you desaturate by 10%, it is **4279553209**.

Distribution



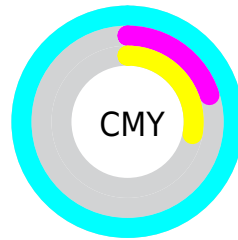
- Red (0%)
- Green (80%)
- Blue (72%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242487 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 4278242487 by changing the saturation by 10% instead.

 4278242487

 4278242487

4294967295

 4278235292

 4285071343

 4278228354

 4287234047

 4278221417


 4289331199

 4278214737

 4291362815

 4278208570

 4293394431

 4278202405

 4278195984

 4278190080

 4278242487

 4279553209

 4280929467

 4282240189

 4283616447

 4284927169

 4286237892

 4287614150

 4288924872

 4290301130

Harmonies

Analogous

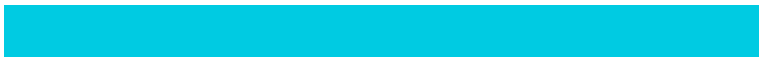
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285319564



4278242487



4278242274

Triad

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



4278242487



4290620159



4294026603

Complementary

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



4278242487



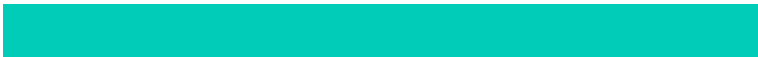
4291559445

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.



4294940811



4278242487



4293761759

Square

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



4278242487



4285905407



4294939573



4291736670

Rectangle

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



4278242487



4278241272



4294939573



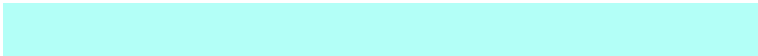
4294615156

Sweetspot

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



4278242487



4289986551



4279815168



4283596923



4278190080



4286611584

Same Dimension

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



4278242487



4278255589



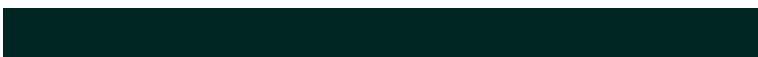
4278222540



4284245605



4278232725



4278199842

Inverse Universe

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



4291559445



4294901786



4291579392



4284898397



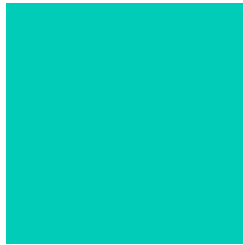
4289069073



4280680452

Previews

White Background



This preview shows how the Android color 4278242487 looks on a white background.

Color Contrast Check

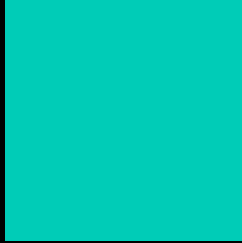
Large Text (above 18pt) WCAG AA × Fail

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 4278242487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

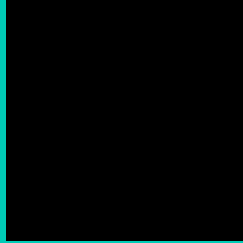
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

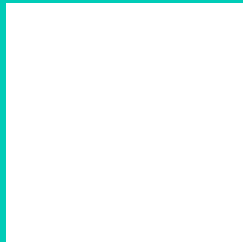
Any Text WCAG AAA ✓ Pass

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

Android 4278242487 Background



This preview shows how black text looks on a background with the Android color 4278242487.

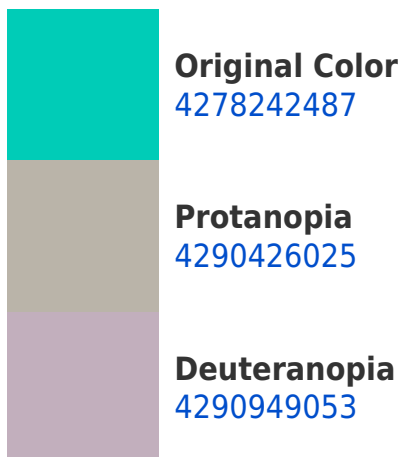



This preview shows how white text looks on a background with the Android color 4278242487.

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
4281649111

Trichromacy



Original Color

4278242487



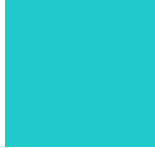
Protanomaly

4285971886



Deuteranomaly

4286298811



Tritanomaly

4280404427

Monochromacy



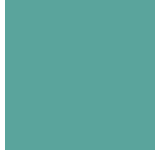
Original Color

4278242487



Achromatopsia

4287466893



Achromatomaly

4284130460

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242487 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, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 183)  
}
```

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, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 183) }
```

Border

The CSS property to change the border of an element to Android 4278242487 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, 204, 183) }
```

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

```
.border{ border-color:rgb(0, 204, 183) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4278242487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 183) }
```

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

```
.background{ background-color: rgb(0, 204,  
183) }
```

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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