

Converting Colors

Android(4278247830)

Have a look what the booklet for
Android(4278247830) contains.

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Color

Android(4278247830)

Conversions

Conversions Part 1

Format	Color
Hex	00E196
RGB	0, 225, 150
RGB Percent	0%, 88%, 59%
CMY	1.0000, 0.1176, 0.4118
CMYK	1.00, 0.00, 0.33, 0.12
HSL	160°, 100%, 44%
HSV	160°, 100%, 88%
XYZ	32.4302, 56.0524, 37.9641
YIQ	149.1750, -110.0250, -71.0250

Conversions

Conversions Part 2

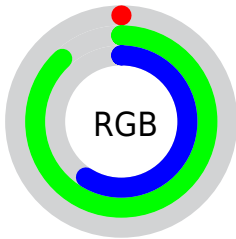
Format	Color
RYB	0, 135, 225
Decimal	57750
CIELab	79.64, -62.87, 24.14
CIELCh	80, 67.343, 158.998
Yxy	56.0524, 0.2565, 0.4433
Android (android.graphics.Color)	4278247830 (0xFF00E196)
YUV	149.1750, 0.4067, -130.8265
Hunter-Lab	74.8682, -53.6994, 22.3430

Details

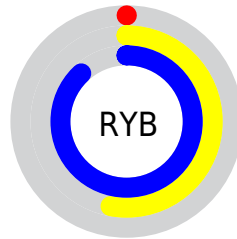
The Android color **4278247830** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4292935755**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285267917**, and **4278233187** is the 20% darker color. If you saturate the color by 10%, you get **4278247830**, and if you desaturate by 10%, it is **4279689630**.

Distribution



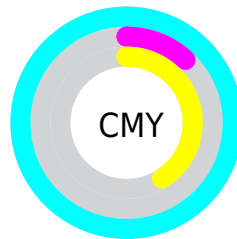
- Red (0%)
- Green (88%)
- Blue (59%)



- Red (0%)
- Yellow (53%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247830 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 4278247830 by changing the saturation by 10% instead.

 4278247830

 4278247830

4294967295

 4278240380

 4285267917


 4278233187

 4287496169

 4278226250

 4289593343

 4278219315

 4291624959

 4278212637

 4293722111

 4278206213

 4278200064

 4278190080

 4278247830

 4279689630

 4281196965

 4282704301


 4284146100

 4285653436

 4287095235

 4288537035

 4290044370

 4291551706

Harmonies

Analogous

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



4287813726



4278247830



4278248663

Triad

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



4278247830



4285515519



4294941305

Complementary

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



4278247830



4292935755

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.



4294937781



4278247830



4293045759

Square

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



4278247830



4278245631



4294940148



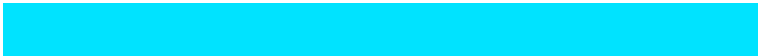
4294947405

Rectangle

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



4278247830



4278248447



4294940148



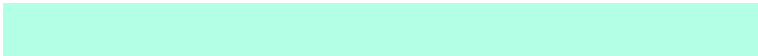
4294939532

Sweetspot

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



4278247830



4289986534



4283162880



4283596912



4278190080



4286611584

Same Dimension

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



4278247830



4278255530



4278238177



4284837996



4278235253



4278202400

Inverse Universe

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



4292935755



4294901845



4292945152



4285556073



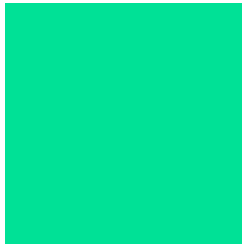
4289724475



4281335824

Previews

White Background



This preview shows how the Android color 4278247830 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 4278247830 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 4278247830 Background



This preview shows how black text looks on a background with the Android color 4278247830.



This preview shows how white text looks on a background with the Android color 4278247830.

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
4283357160

Trichromacy



Original Color

4278247830



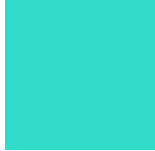
Protanomaly

4287025038



Deuteranomaly

4287678875



Tritanomaly

4281523146

Monochromacy



Original Color

4278247830



Achromatopsia

4287993237



Achromatomaly

4284461461

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247830 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, 225, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 150)  
}
```

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, 225, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 150) }
```

Border

The CSS property to change the border of an element to Android 4278247830 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, 225, 150) }
```

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

```
.border{ border-color:rgb(0, 225, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4278247830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 150) }
```

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

```
.background{ background-color: rgb(0, 225,  
150) }
```

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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