

Converting Colors

Android(4278236065)

Have a look what the booklet for
Android(4278236065) contains.

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Color

Android(4278236065)

Conversions

Conversions Part 1

Format	Color
Hex	00B3A1
RGB	0, 179, 161
RGB Percent	0%, 70%, 63%
CMY	1.0000, 0.2980, 0.3686
CMYK	1.00, 0.00, 0.10, 0.30
HSL	174°, 100%, 35%
HSV	174°, 100%, 70%
XYZ	22.5531, 34.8134, 39.2492
YIQ	123.4270, -100.9060, -43.5460

Conversions

Conversions Part 2

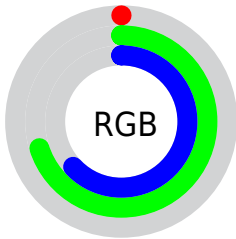
Format	Color
RYB	0, 94, 179
Decimal	45985
CIELab	65.60, -42.19, -1.64
CIELCh	66, 42.223, 182.230
Yxy	34.8134, 0.2334, 0.3603
Android (android.graphics.Color)	4278236065 (0xFF00B3A1)
YUV	123.4270, 18.5235, -108.2455
Hunter-Lab	59.0029, -35.0256, 1.8618

Details

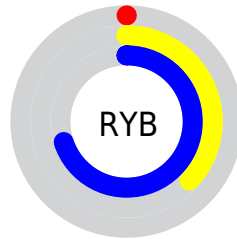
The Android color **4278236065** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4289921042**, and the grayscale version is **4286282619**.

A 20% lighter version of the original color is **4284607704**, and **4278222190** is the 20% darker color. If you saturate the color by 10%, you get **4278236065**, and if you desaturate by 10%, it is **4279415715**.

Distribution



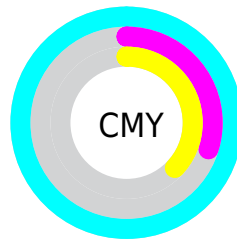
- Red (0%)
- Green (70%)
- Blue (63%)



- Red (0%)
- Yellow (37%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236065 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 4278236065 by changing the saturation by 10% instead.

 4278236065

 4278236065

4294967295

 4278229127

 4284607704

 4278222190

 4286709748

 4278215765

 4288675839

 4278209342

 4290707455

 4278203176

 4292673535

 4278197524


 4294705151

 4278190080

 4278236065

 4279415715

 4280595365

 4281775014

 4282954664

 4284134314

 4285248428

 4286428078

 4287607727

 4288787377

Harmonies

Analogous

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



4284330107



4278236065



4278235846

Triad

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



4278236065



4289172703



4292055389

Complementary

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



4278236065



4289921042

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.



4293231993



4278236065



4291921859

Square

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



4278236065



4285047531



4293296542



4290027090

Rectangle

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



4278236065



4278235098



4293296542



4292578405

Sweetspot

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



4278236065



4288866529



4279612160



4283135345



4294309365



4285887861

Same Dimension

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



4278236065



4278249681



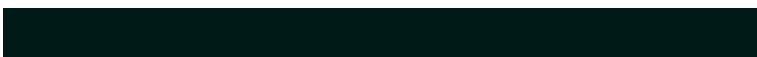
4278218419



4283455832



4278229386



4278196759

Inverse Universe

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



4289921042



4293394455



4289938688



4284043345



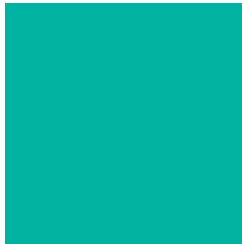
4288217103



4279894019

Previews

White Background



This preview shows how the Android color 4278236065 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 4278236065 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

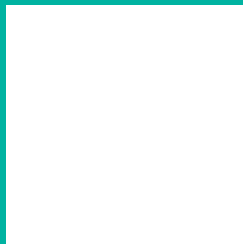
Any Text WCAG AAA ✓ Pass

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

Android 4278236065 Background



This preview shows how black text looks on a background with the Android color 4278236065.

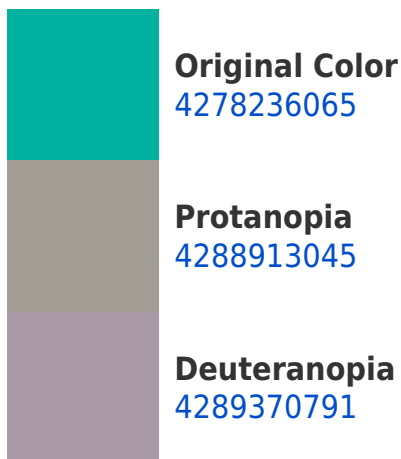


This preview shows how white text looks on a background with the Android color 4278236065.

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

4278236065



Protanomaly

4285048473



Deuteranomaly

4285309861



Tritanomaly

4280135859

Monochromacy



Original Color

4278236065



Achromatopsia

4286282619



Achromatomaly

4283338633

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236065 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, 179, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 161)  
}
```

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, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 161) }
```

Border

The CSS property to change the border of an element to Android 4278236065 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, 179, 161) }
```

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

```
.border{ border-color:rgb(0, 179, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4278236065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 161) }
```

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

```
.background{ background-color: rgb(0, 179,  
161) }
```

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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