

Converting Colors

Android(4278236286)

Have a look what the booklet for
Android(4278236286) contains.

Android(4278236286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278236286)

Conversions

Conversions Part 1

Format	Color
Hex	00B47E
RGB	0, 180, 126
RGB Percent	0%, 71%, 49%
CMY	1.0000, 0.2941, 0.5059
CMYK	1.00, 0.00, 0.30, 0.29
HSL	162°, 100%, 35%
HSV	162°, 100%, 71%
XYZ	20.0872, 34.1489, 25.2714
YIQ	120.0240, -89.9460, -54.9540

Conversions

Conversions Part 2

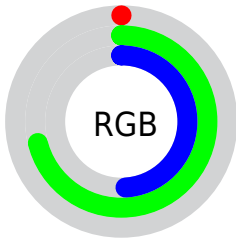
Format	Color
RYB	0, 106, 180
Decimal	46206
CIELab	65.08, -51.66, 16.88
CIELCh	65, 54.348, 161.900
Yxy	34.1489, 0.2526, 0.4295
Android (android.graphics.Color)	4278236286 (0xFF00B47E)
YUV	120.0240, 2.9462, -105.2610
Hunter-Lab	58.4370, -40.9072, 15.2657

Details

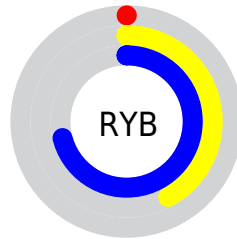
The Android color `4278236286` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4289986614`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4284476851`, and `4278222413` is the 20% darker color. If you saturate the color by 10%, you get `4278236286`, and if you desaturate by 10%, it is `4279415939`.

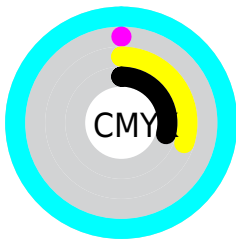
Distribution



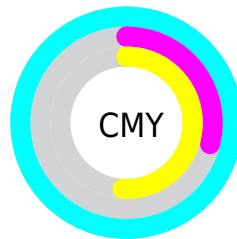
- Red (0%)
- Green (71%)
- Blue (49%)



- Red (0%)
- Yellow (42%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236286 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 4278236286 by changing the saturation by 10% instead.

 4278236286

 4278236286

4294967295

 4278229349

 4284476851

 4278222413

 4286513102

 4278215734

 4288479211

 4278209312

 4290510847

 4278203146

 4292476927

 4278196736

 4294443007

 4278190080

 4278236286

 4279415939

 4280595593

 4281775246

 4282954900

 4284134553

 4285314206

 4286493860

 4287673513

 4288853167

Harmonies

Analogous

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



4285640018



4278236286



4278236848

Triad

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



4278236286



4285177341



4293885535

Complementary

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



4278236286



4289986614

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.



4294472588



4278236286



4290415079

Square

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



4278236286



4278234106



4293425341



4291924287

Rectangle

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



4278236286



4278236624



4293425341



4294211949

Sweetspot

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



4278236286



4288998357



4281775104



4283135337



4294309365



4285887861

Same Dimension

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



4278236286



4278250404



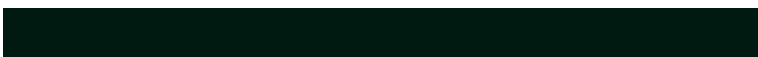
4278227124



4283455831



4278229355



4278196754

Inverse Universe

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



4289986614



4293591110



4289995776



4284043347



4288217134



4279894024

Previews

White Background



This preview shows how the Android color 4278236286 looks on a white background.

Color Contrast Check

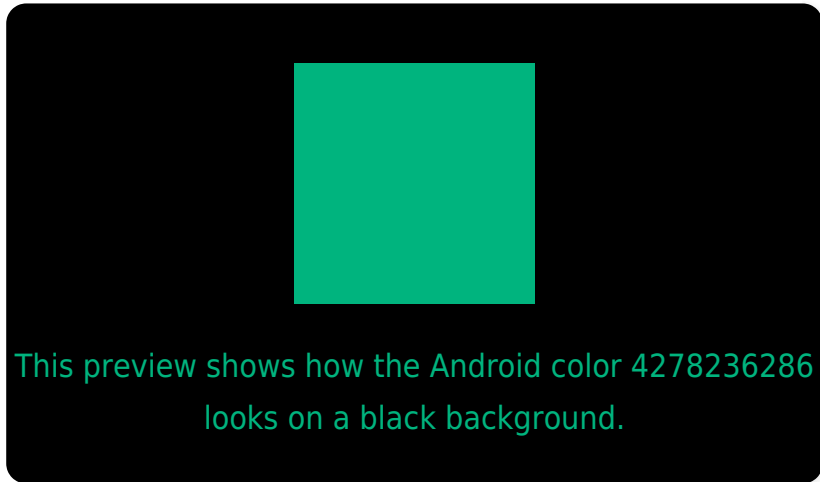
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4278236286 Background



This preview shows how black text looks on a background with the Android color 4278236286.



This preview shows how white text looks on a background with the Android color 4278236286.

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

4278236286



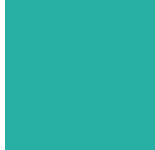
Protanomaly

4285244791



Deuteranomaly

4285768322



Tritanomaly

4280790948

Monochromacy



Original Color

4278236286



Achromatopsia

4286085240



Achromatomaly

4283207290

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236286 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, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 126)  
}
```

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, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 126) }
```

Border

The CSS property to change the border of an element to Android 4278236286 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, 180, 126) }
```

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

```
.border{ border-color:rgb(0, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4278236286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 126) }
```

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

```
.background{ background-color: rgb(0, 180,  
126) }
```

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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