

Converting Colors

Android(4278236526)

Have a look what the booklet for
Android(4278236526) contains.

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Color

Android(4278236526)

Conversions

Conversions Part 1

Format	Color
Hex	00B56E
RGB	0, 181, 110
RGB Percent	0%, 71%, 43%
CMY	1.0000, 0.2902, 0.5686
CMYK	1.00, 0.00, 0.39, 0.29
HSL	156°, 100%, 35%
HSV	156°, 100%, 71%
XYZ	19.3383, 34.1735, 20.3288
YIQ	118.7870, -85.0850, -60.4530

Conversions

Conversions Part 2

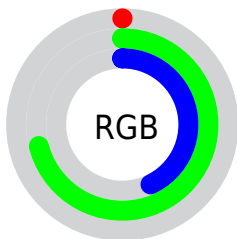
Format	Color
RYB	0, 113, 181
Decimal	46446
CIELab	65.10, -55.49, 25.52
CIELCh	65, 61.077, 155.303
Yxy	34.1735, 0.2619, 0.4628
Android (android.graphics.Color)	4278236526 (0xFF00B56E)
YUV	118.7870, -4.3320, -104.1762
Hunter-Lab	58.4581, -43.2527, 20.3026

Details

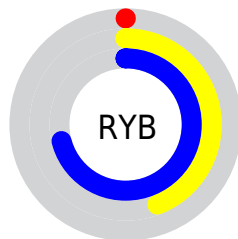
The Android color **4278236526** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **4290052167**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4284477090**, and **4278222653** is the 20% darker color. If you saturate the color by 10%, you get **4278236526**, and if you desaturate by 10%, it is **4279416181**.

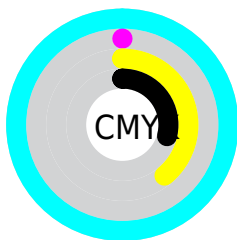
Distribution



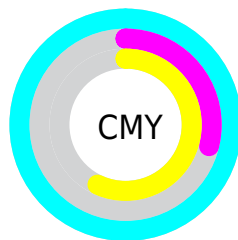
- Red (0%)
- Green (71%)
- Blue (43%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236526 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 4278236526 by changing the saturation by 10% instead.

 4278236526

 4278236526

4294967295

 4278229333

 4284477090

 4278222653

 4286513085

 4278215718

 4288479193

 4278209296

 4290510838

 4278203392

 4292476927

 4278196736

 4294443007

 4278190080

 4278236526

 4279416181

 4280595836

 4281775491

 4282955146

 4284200338

 4285379993

 4286559648

 4287739303

 4288918958

Harmonies

Analogous

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



4286164286



4278236526



4278237350

Triad

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



4278236526



4281442815



4294669666

Complementary

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



4278236526



4290052167

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.



4294929046



4278236526



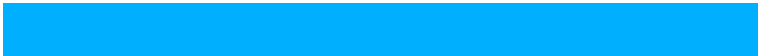
4289563640

Square

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



4278236526



4278235391



4293424589



4292839992

Rectangle

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



4278236526



4278237387



4293424589



4294930547

Sweetspot

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



4278236526



4288998351



4282955008



4283135333



4294309365



4285887861

Same Dimension

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



4278236526



4278250383



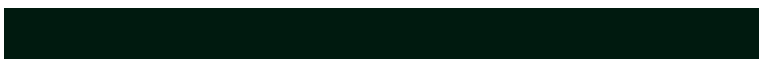
4278231989



4283455830



4278229341



4278196751

Inverse Universe

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



4290052167



4293591132



4290056704



4284043348



4288217148



4279894026

Previews

White Background



This preview shows how the Android color 4278236526 looks on a white background.

Color Contrast Check

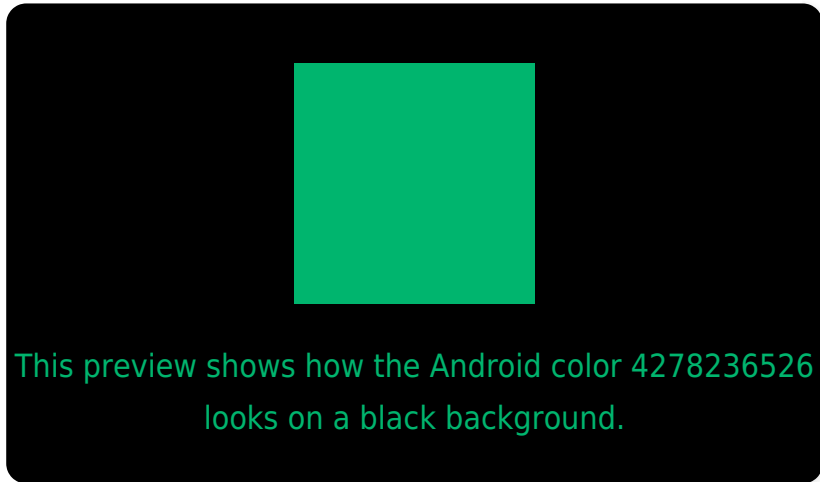
Large Text (above 18pt) WCAG AA × Fail

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 4278236526 Background



This preview shows how black text looks on a background with the Android color 4278236526.



This preview shows how white text looks on a background with the Android color 4278236526.

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

4278236526



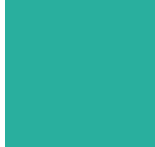
Protanomaly

4285376104



Deuteranomaly

4285964658



Tritanomaly

4280922014

Monochromacy



Original Color

4278236526



Achromatopsia

4286019447



Achromatomaly

4283207284

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236526 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, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 110)  
}
```

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, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 110) }
```

Border

The CSS property to change the border of an element to Android 4278236526 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, 181, 110) }
```

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

```
.border{ border-color:rgb(0, 181, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4278236526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 110) }
```

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

```
.background{ background-color: rgb(0, 181,  
110) }
```

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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