

Converting Colors

Android(4280526976)

Have a look what the booklet for
Android(4280526976) contains.

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Color

Android(4280526976)

Conversions

Conversions Part 1

Format	Color
Hex	23A880
RGB	35, 168, 128
RGB Percent	14%, 66%, 50%
CMY	0.8627, 0.3412, 0.4980
CMYK	0.79, 0.00, 0.24, 0.34
HSL	162°, 66%, 40%
HSV	162°, 79%, 66%
XYZ	18.5921, 29.9211, 25.2175
YIQ	123.6730, -66.4280, -40.6360

Conversions

Conversions Part 2

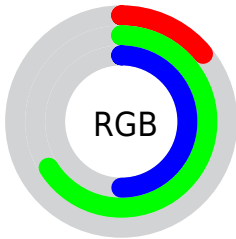
Format	Color
RYB	35, 113, 168
Decimal	2336896
CIELab	61.59, -44.18, 10.95
CIELCh	62, 45.513, 166.083
Yxy	29.9211, 0.2522, 0.4058
Android (android.graphics.Color)	4280526976 (0xFF23A880)
YUV	123.6730, 2.1332, -77.7662
Hunter-Lab	54.7002, -35.0549, 10.9566

Details

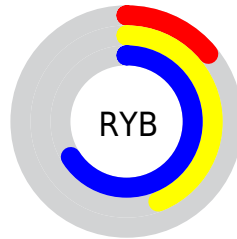
The Android color `4280526976` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289209163`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4284997813`, and `4278219599` is the 20% darker color. If you saturate the color by 10%, you get `4279412859`, and if you desaturate by 10%, it is `4281641093`.

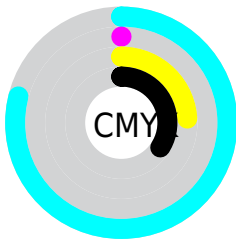
Distribution



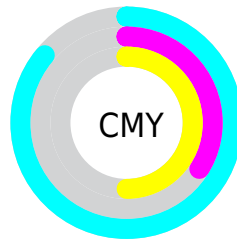
- Red (14%)
- Green (66%)
- Blue (50%)



- Red (14%)
- Yellow (44%)
- Blue (66%)



- Cyan (79%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280526976 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 4280526976 by changing the saturation by 10% instead.



4280526976



4280526976

4294967295



4278226279



4284997813



4278219599



4286905808



4278212920



4288872429



4278206754



4290772991



4278201101



4292739071



4278192896



4294705151



4278190080



4280526976



4280526976



4279412859



4281641093

■ 4278298742

■ 4282755210

■ 4278233205

■ 4283803791

■ 4284917908

■ 4286032025

■ 4287146142

■ 4288260259

■ 4289308840

■ 4290422957

Harmonies

Analogous

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



4285178715



4280526976



4278233514

Triad

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



4280526976



4286157282



4292312412

Complementary

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



4280526976



4289209163

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.



4292965249



4280526976



4289954509

Square

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



4280526976



4278230754



4292244905



4290612293

Rectangle

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



4280526976



4278233283



4292244905



4292639079

Sweetspot

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



4280526976



4289190859



4283279395



4283330148



4293783021



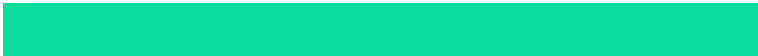
4285427310

Same Dimension

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



4280526976



4278967197



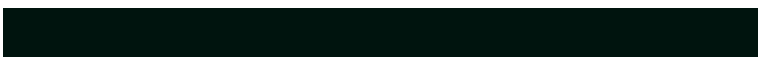
4280520872



4283192402



4278228071



4278195214

Inverse Universe

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



4289209163



4292545354



4289215267



4283714638



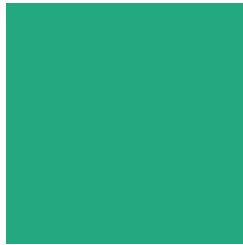
4287889452



4279500806

Previews

White Background



This preview shows how the Android color 4280526976 looks on a white background.

Color Contrast Check

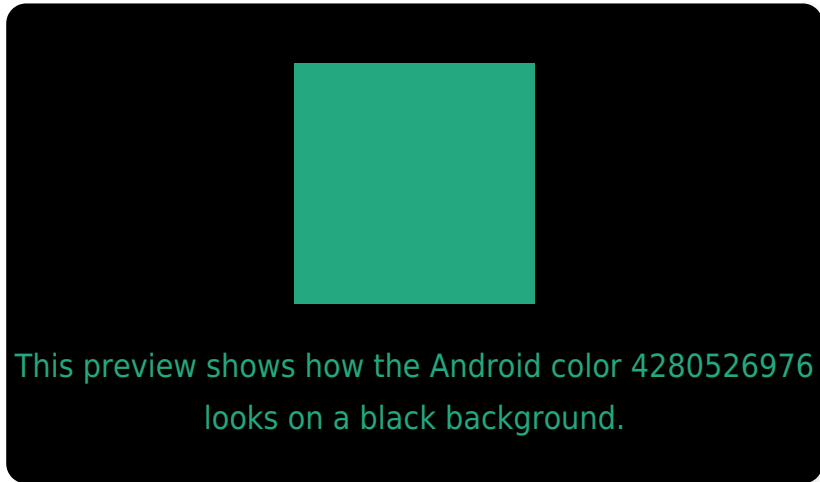
Large Text (above 18pt) WCAG AA ✓ Pass

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

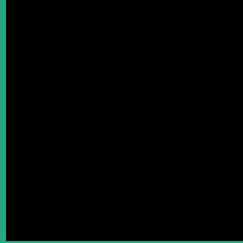
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280526976 Background



This preview shows how black text looks on a background with the Android color 4280526976.



This preview shows how white text looks on a background with the Android color 4280526976.

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

4280526976



Protanomaly

4285635450



Deuteranomaly

4286027652



Tritanomaly

4281640094

Monochromacy



Original Color

4280526976



Achromatopsia

4286348412



Achromatomaly

4284255357

CSS Examples

Text

The CSS property to change the color of the text to Android 4280526976 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(35, 168, 128)` looks like.

```
.text, #text, p{  
    color:rgb(35, 168, 128)  
}
```

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(35, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 168, 128) }
```

Border

The CSS property to change the border of an element to Android 4280526976 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(35, 168, 128) }
```

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

```
.border{ border-color:rgb(35, 168, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 168, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 168, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 168, 128);  
box-shadow:4px 4px 4px 4px rgb(35, 168,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4280526976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 168, 128) }
```

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

```
.background{ background-color: rgb(35, 168,  
128) }
```

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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