

Converting Colors

Android(4278230896)

Have a look what the booklet for
Android(4278230896) contains.

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Color

Android(4278230896)

Conversions

Conversions Part 1

Format	Color
Hex	009F70
RGB	0, 159, 112
RGB Percent	0%, 62%, 44%
CMY	1.0000, 0.3765, 0.5608
CMYK	1.00, 0.00, 0.30, 0.38
HSL	162°, 100%, 31%
HSV	162°, 100%, 62%
XYZ	15.3228, 25.9661, 19.5336
YIQ	106.1010, -79.6770, -48.3250

Conversions

Conversions Part 2

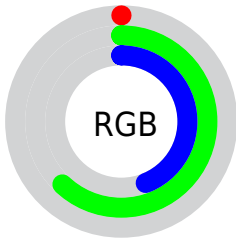
Format	Color
RYB	0, 93, 159
Decimal	40816
CIELab	58.00, -46.86, 14.80
CIELCh	58, 49.141, 162.477
Yxy	25.9661, 0.2519, 0.4269
Android (android.graphics.Color)	4278230896 (0xFF009F70)
YUV	106.1010, 2.9082, -93.0506
Hunter-Lab	50.9570, -35.4997, 12.9419

Details

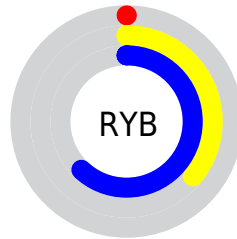
The Android color `4278230896` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288610351`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284077988`, and `4278217280` is the 20% darker color. If you saturate the color by 10%, you get `4278230896`, and if you desaturate by 10%, it is `4279279477`.

Distribution



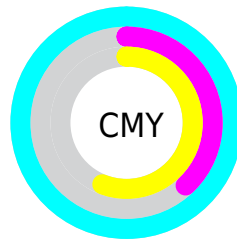
- Red (0%)
- Green (62%)
- Blue (44%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230896 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 4278230896 by changing the saturation by 10% instead.

 4278230896

 4278230896

4294967295

 4278223959

 4284077988

 4278217280

 4286051519

 4278210858

 4287954907

 4278204693

 4289921015

 4278199040

 4291887103

 4278190080

 4293853183

 4278230896

 4279279477

 4280328057

 4281376638

 4282425219

 4283473799

 4284456844

 4285505425

 4286554006

 4287602586

Harmonies

Analogous

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



4284717385



4278230896



4278231453

Triad

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



4278230896



4284517087



4292046931

Complementary

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



4278230896



4288610351

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.



4292568699



4278230896



4289034699

Square

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



4278230896



4278228957



4291652006



4290281527

Rectangle

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



4278230896



4278231224



4291652006



4292373344

Sweetspot

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



4278230896



4287745980



4281376512



4282607965



4293454056



4285098345

Same Dimension

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



4278230896



4278243217



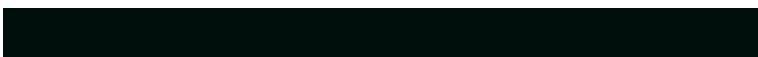
4278222751



4282863437



4278226789



4278193931

Inverse Universe

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



4288610351



4291756093



4288618496



4283385673



4287561770



4279173125

Previews

White Background



This preview shows how the Android color 4278230896 looks on a white background.

Color Contrast Check

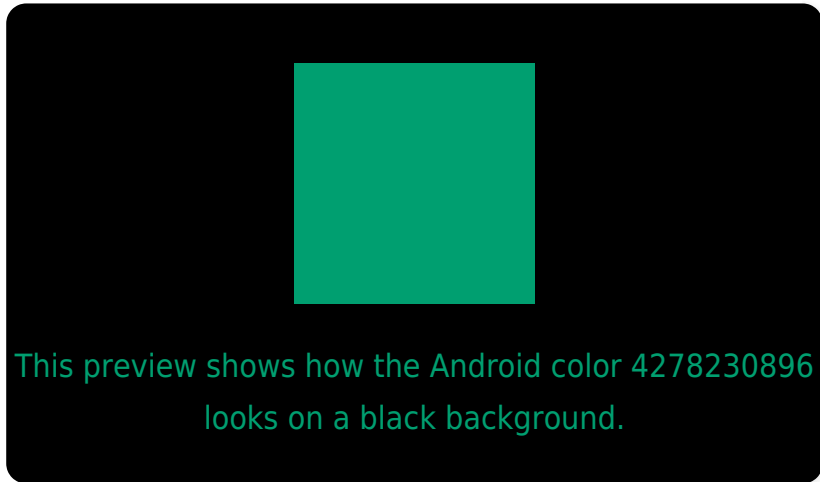
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230896 Background



This preview shows how black text looks on a background with the Android color 4278230896.



This preview shows how white text looks on a background with the Android color 4278230896.

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



Original Color
4278230896

Protanopia
4287990375

Deuteranopia
4288644470

Trichromacy



Original Color

4278230896



Protanomaly

4284453482



Deuteranomaly

4284845684



Tritanomaly

4280458130

Monochromacy



Original Color

4278230896



Achromatopsia

4285164138



Achromatomaly

4282613100

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230896 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, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 112)  
}
```

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, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 112) }
```

Border

The CSS property to change the border of an element to Android 4278230896 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, 159, 112) }
```

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

```
.border{ border-color:rgb(0, 159, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4278230896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 112) }
```

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

```
.background{ background-color: rgb(0, 159,  
112) }
```

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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