

Converting Colors

Android(4278223946)

Have a look what the booklet for
Android(4278223946) contains.

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Color

Android(4278223946)

Conversions

Conversions Part 1

Format	Color
Hex	00844A
RGB	0, 132, 74
RGB Percent	0%, 52%, 29%
CMY	1.0000, 0.4824, 0.7098
CMYK	1.00, 0.00, 0.44, 0.48
HSL	154°, 100%, 26%
HSV	154°, 100%, 52%
XYZ	9.4873, 16.9969, 9.2593
YIQ	85.9200, -60.0540, -46.0220

Conversions

Conversions Part 2

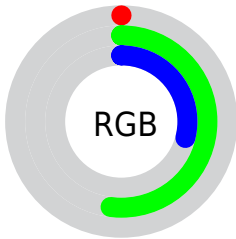
Format	Color
RYB	0, 85, 132
Decimal	33866
CIELab	48.26, -45.03, 22.84
CIELCh	48, 50.488, 153.108
Yxy	16.9969, 0.2654, 0.4755
Android (android.graphics.Color)	4278223946 (0xFF00844A)
YUV	85.9200, -5.8766, -75.3518
Hunter-Lab	41.2273, -31.0712, 15.5432

Details

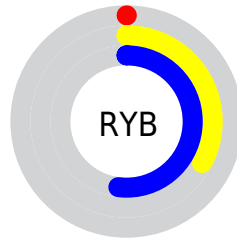
The Android color `4278223946` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4286840890`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4283480699`, and `4278210845` is the 20% darker color. If you saturate the color by 10%, you get `4278223946`, and if you desaturate by 10%, it is `4279075920`.

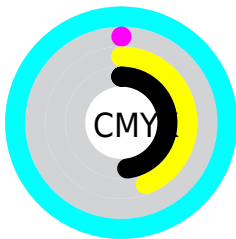
Distribution



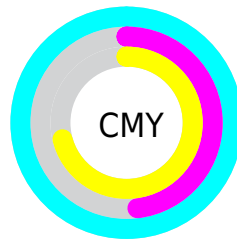
- Red (0%)
- Green (52%)
- Blue (29%)



- Red (0%)
- Yellow (33%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223946 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 4278223946 by changing the saturation by 10% instead.



4278223946



4278223946

4294967295



4278217267



4283480699



4278210845



4285388437



4278204677



4287230896



4278199040



4289134540



4278190080



4291035112



4292935679

4294901759




4278223946

 4279075920

 4279927894

 4280845403

 4281697377

 4282549351

 4283401325

 4284253299

 4285170808

 4286022782

Harmonies

Analogous

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



4284054821



4278223946



4278224758

Triad

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



4278223946



4278220488



4290531654

Complementary

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



4278223946



4286840890

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.



4290660720



4278223946



4286145978

Square

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



4278223946



4278223294



4289352602



4289094180

Rectangle

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



4278223946



4278224787



4289352602



4290727252

Sweetspot

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



4278223946



4286098324



4282090496



4281816905



4292269782



4283914071

Same Dimension

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



4278223946



4278233952



4278222212



4282139199



4278223433



4278190849

Inverse Universe

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



4286840890



4289396811



4286842624



4282530879



4286709817



4278386689

Previews

White Background



This preview shows how the Android color 4278223946 looks on a white background.

Color Contrast Check

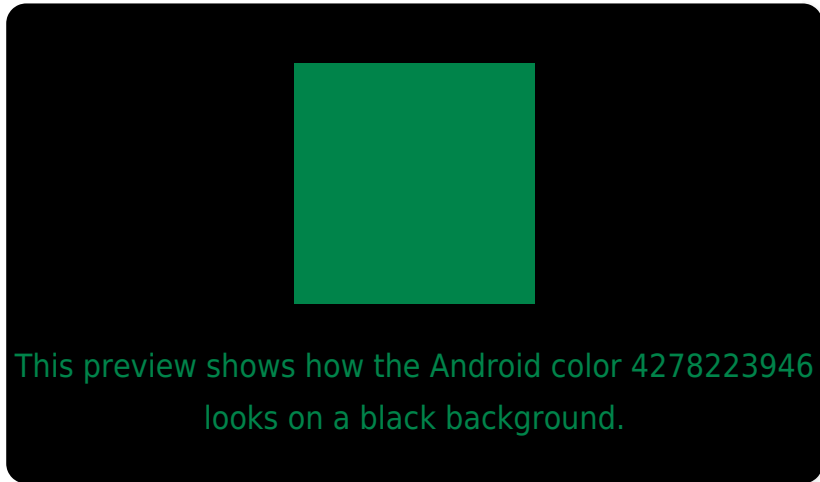
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4278223946 Background



This preview shows how black text looks on a background with the Android color 4278223946.



This preview shows how white text looks on a background with the Android color 4278223946.

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
4278223946

Protanopia
4286411331

Deuteranopia
4287130959

Trichromacy



Original Color

4278223946



Protanomaly

4283464006



Deuteranomaly

4283921741



Tritanomaly

4280254577

Monochromacy



Original Color

4278223946



Achromatopsia

4283848278



Achromatomaly

4281821010

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223946 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, 132, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 74)  
}
```

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, 132, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 74) }
```

Border

The CSS property to change the border of an element to Android 4278223946 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, 132, 74) }
```

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

```
.border{ border-color:rgb(0, 132, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 74);  
box-shadow:4px 4px 4px 4px rgb(0, 132, 74)  
}
```

Background

The CSS property to change the background color of an element to Android 4278223946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 74) }
```

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

```
.background{ background-color: rgb(0, 132,  
74) }
```

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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