

Converting Colors

Android(4278226246)

Have a look what the booklet for
Android(4278226246) contains.

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Color

Android(4278226246)

Conversions

Conversions Part 1

Format	Color
Hex	008D46
RGB	0, 141, 70
RGB Percent	0%, 55%, 27%
CMY	1.0000, 0.4471, 0.7255
CMYK	1.00, 0.00, 0.50, 0.45
HSL	150°, 100%, 28%
HSV	150°, 100%, 55%
XYZ	10.6304, 19.4919, 8.9964
YIQ	90.7470, -61.2450, -51.9730

Conversions

Conversions Part 2

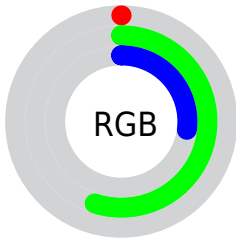
Format	Color
RYB	0, 94, 141
Decimal	36166
CIELab	51.26, -49.00, 28.85
CIELCh	51, 56.866, 149.511
Yxy	19.4919, 0.2717, 0.4983
Android (android.graphics.Color)	4278226246 (0xFF008D46)
YUV	90.7470, -10.2283, -79.5851
Hunter-Lab	44.1497, -34.2827, 18.8232

Details

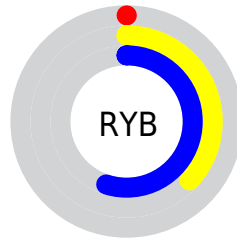
The Android color `4278226246` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287430727`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4283679864`, and `4278212887` is the 20% darker color. If you saturate the color by 10%, you get `4278226246`, and if you desaturate by 10%, it is `4279143757`.

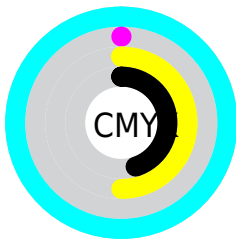
Distribution



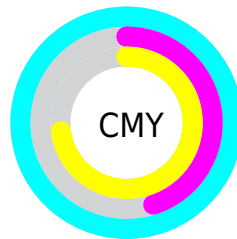
- Red (0%)
- Green (55%)
- Blue (27%)



- Red (0%)
- Yellow (37%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278226246 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 4278226246 by changing the saturation by 10% instead.

 4278226246

 4278226246

4294967295

 4278219566

 4283679864

 4278212887

 4285587602

 4278206720

 4287495597

 4278201088

 4289396680

 4278192384

 4291297252

 4278190080


 4293263359

 4278226246

 4279143757

 4280061268

 4280978779

 4281896290

 4282879338

 4283796849

 4284714360

 4285631871

 4286549382

Harmonies

Analogous

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



4284646682



4278226246



4278227320

Triad

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



4278226246



4278223068



4291711309

Complementary

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



4278226246



4287430727

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.



4291774845



4278226246



4286017231

Square

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



4278226246



4278225869



4289943468



4290274339

Rectangle

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



4278226246



4278227353



4289943468



4291906653

Sweetspot

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



4278226246



4286691484



4283010304



4282080331



4292598747



4284243036

Same Dimension

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



4278226246



4278237275



4278226315



4282402628



4278224707



4278192132

Inverse Universe

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



4287430727



4290248796



4287430658



4282859588



4287037508



4278714372

Previews

White Background



This preview shows how the Android color 4278226246 looks on a white background.

Color Contrast Check

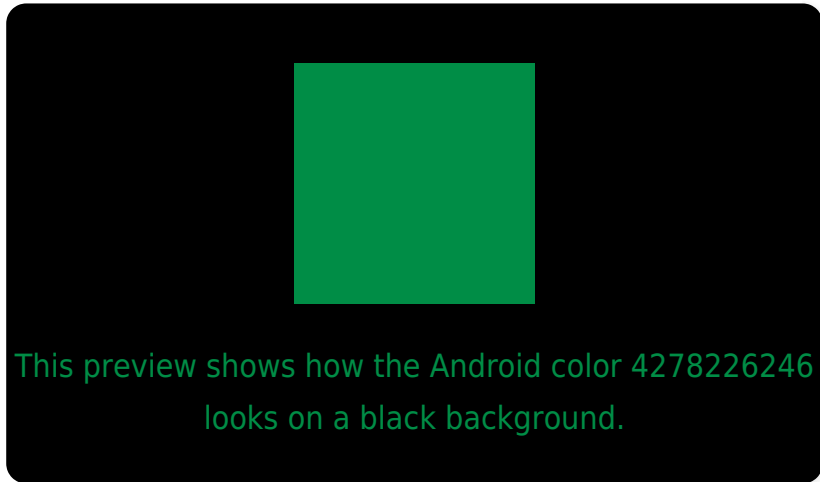
Large Text (above 18pt) WCAG AA ✓ Pass

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

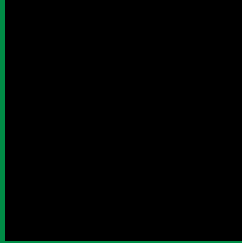
Any Text WCAG AA ✓ Pass

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 4278226246 Background



This preview shows how black text looks on a background with the Android color 4278226246.



This preview shows how white text looks on a background with the Android color 4278226246.

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

4278226246

Protanopia

4287003199

Deuteranopia

4287853644

Trichromacy



Original Color

4278226246



Protanomaly

4283793730



Deuteranomaly

4284382538



Tritanomaly

4280453237

Monochromacy



Original Color

4278226246



Achromatopsia

4284177243



Achromatomaly

4282019155

CSS Examples

Text

The CSS property to change the color of the text to Android 4278226246 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, 141, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 70)  
}
```

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, 141, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 70) }
```

Border

The CSS property to change the border of an element to Android 4278226246 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, 141, 70) }
```

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

```
.border{ border-color:rgb(0, 141, 70) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 70);  
box-shadow:4px 4px 4px 4px rgb(0, 141, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4278226246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 70) }
```

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

```
.background{ background-color: rgb(0, 141,  
70) }
```

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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