

Converting Colors

Android(4278227570)

Have a look what the booklet for
Android(4278227570) contains.

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Color

Android(4278227570)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 009272 |
| RGB | 0, 146, 114 |
| RGB Percent | 0%, 57%, 45% |
| CMY | 1.0000, 0.4275, 0.5529 |
| CMYK | 1.00, 0.00, 0.22, 0.43 |
| HSL | 167°, 100%, 29% |
| HSV | 167°, 100%, 57% |
| XYZ | 13.3161, 21.7727, 19.4203 |
| YIQ | 98.6980, -76.7440, -40.9040 |

Conversions

Conversions Part 2

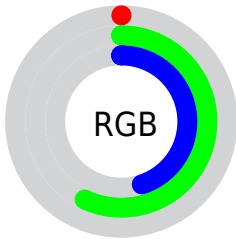
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 82, 146 |
| Decimal | 37490 |
| CIELab | 53.78, -41.11, 7.74 |
| CIELCh | 54, 41.832, 169.339 |
| Yxy | 21.7727, 0.2443, 0.3994 |
| Android (android.graphics.Color) | 4278227570 (0xFF009272) |
| YUV | 98.6980, 7.5439, -86.5581 |
| Hunter-Lab | 46.6612, -30.7169, 7.9865 |

Details

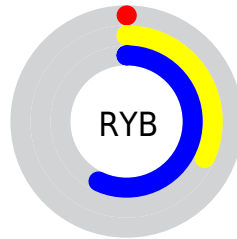
The Android color `4278227570` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287758368`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4283812262`, and `4278214210` is the 20% darker color. If you saturate the color by 10%, you get `4278227570`, and if you desaturate by 10%, it is `4279210613`.

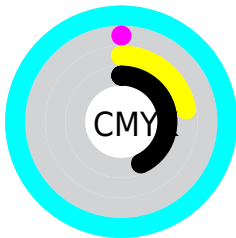
Distribution



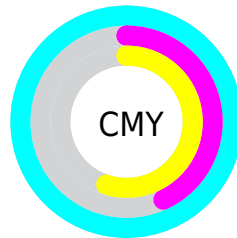
- Red (0%)
- Green (57%)
- Blue (45%)



- Red (0%)
- Yellow (32%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227570 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 4278227570 by changing the saturation by 10% instead.

 4278227570

 4278227570

4294967295

 4278220889

 4283812262

 4278214210

 4285785537

 4278208044

 4287692765

 4278202135

 4289593337

 4278195712

 4291493887


 4278190080

 4293459967

 4278227570

 4279210613

 4280128120

 4281111164

 4282028671

 4283011714

 4283994757

 4284912264

 4285895308

 4286812815

Harmonies

Analogous

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



4283797072



4278227570



4278227863

Triad

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



4278227570



4285430981



4290342219

Complementary

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



4278227570



4287758368

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.



4291060587



4278227570



4288704176

Square

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



4278227570



4278225095



4290601871



4288772664

Rectangle

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



4278227570



4278227373



4290601871



4290734421

Sweetspot

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



4278227570



4286889392



4280455680



4282146391



4292796126



4284374622

Same Dimension

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



4278227570



4278238611



4278217618



4282600008



4278225516



4278192648

Inverse Universe

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



4287758368



4290576425



4287768320



4283056964



4287234078



4278845442

Previews

White Background



This preview shows how the Android color 4278227570 looks on a white background.

Color Contrast Check

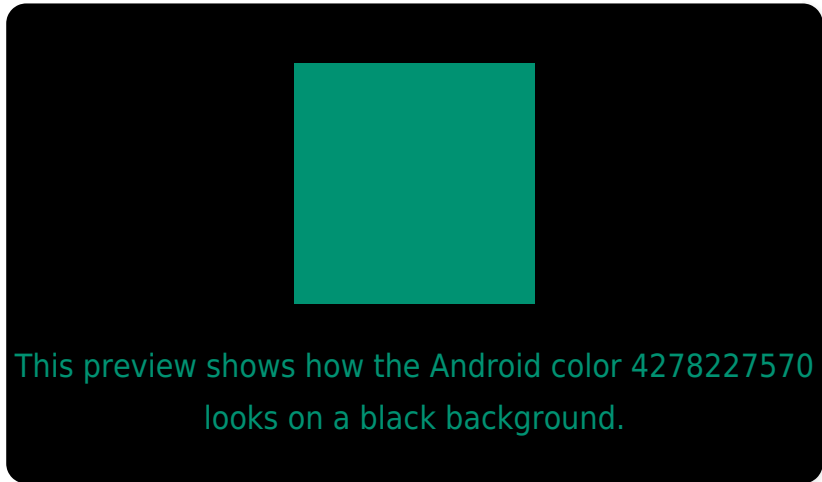
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227570 Background



This preview shows how black text looks on a background with the Android color 4278227570.

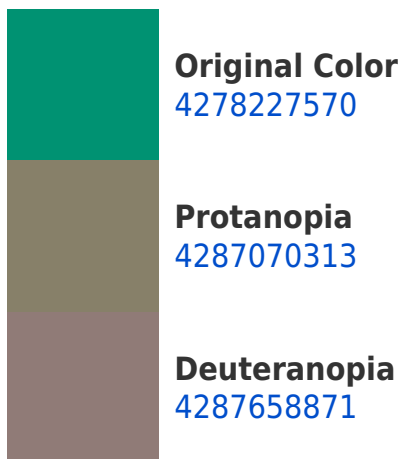


This preview shows how white text looks on a background with the Android color 4278227570.

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

4278227570



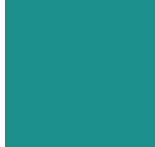
Protanomaly

4283860844



Deuteranomaly

4284253045



Tritanomaly

4280127370

Monochromacy



Original Color

4278227570



Achromatopsia

4284703587



Achromatomaly

4282348648

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227570 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, 146, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 114)  
}
```

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, 146, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 114) }
```

Border

The CSS property to change the border of an element to Android 4278227570 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, 146, 114) }
```

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

```
.border{ border-color:rgb(0, 146, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4278227570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 114) }
```

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

```
.background{ background-color: rgb(0, 146,  
114) }
```

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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