

Converting Colors

Android(4278225000)

Have a look what the booklet for
Android(4278225000) contains.

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Color

Android(4278225000)

Conversions

Conversions Part 1

Format	Color
Hex	008868
RGB	0, 136, 104
RGB Percent	0%, 53%, 41%
CMY	1.0000, 0.4667, 0.5922
CMYK	1.00, 0.00, 0.24, 0.47
HSL	166°, 100%, 27%
HSV	166°, 100%, 53%
XYZ	11.3029, 18.6078, 16.0926
YIQ	91.6880, -70.7840, -38.7840

Conversions

Conversions Part 2

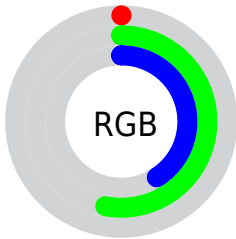
Format	Color
RYB	0, 77, 136
Decimal	34920
CIELab	50.23, -39.58, 8.44
CIElCh	50, 40.465, 167.964
Yxy	18.6078, 0.2457, 0.4045
Android (android.graphics.Color)	4278225000 (0xFF008868)
YUV	91.6880, 6.0698, -80.4104
Hunter-Lab	43.1368, -28.7181, 8.0769

Details

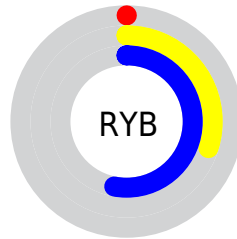
The Android color `4278225000` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287103008`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4283612827`, and `4278211897` is the 20% darker color. If you saturate the color by 10%, you get `4278225000`, and if you desaturate by 10%, it is `4279142507`.

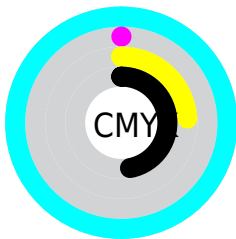
Distribution



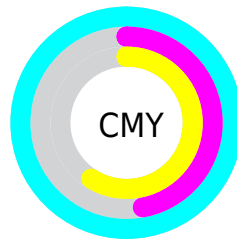
- Red (0%)
- Green (53%)
- Blue (41%)



- Red (0%)
- Yellow (30%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278225000 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 4278225000 by changing the saturation by 10% instead.

 4278225000

 4278225000

4294967295

 4278218320

 4283612827

 4278211897

 4285520566

 4278205731

 4287428562

 4278200334

 4289331182

 4278190592

 4291231743

 4278190080


 4293132287

 4278225000

 4279142507

 4279994478

 4280911986

 4281763957

 4282681464

 4283598971

 4284450942

 4285368450

 4286220421

Harmonies

Analogous

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



4283466824



4278225000



4278225292

Triad

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



4278225000



4284708025



4289619014

Complementary

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



4278225000



4287103008

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.



4290272100



4278225000



4287915686

Square

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



4278225000



4278222779



4289748103



4288114995

Rectangle

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



4278225000



4278224801



4289748103



4289945679

Sweetspot

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



4278225000



4286296228



4280453120



4281948498



4292467161



4284045657

Same Dimension

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



4278225000



4278235271



4278216328



4282271043



4278224229



4278191364

Inverse Universe

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



4287103008



4289724457



4287111680



4282728000



4286906399



4278517761

Previews

White Background



This preview shows how the Android color 4278225000 looks on a white background.

Color Contrast Check

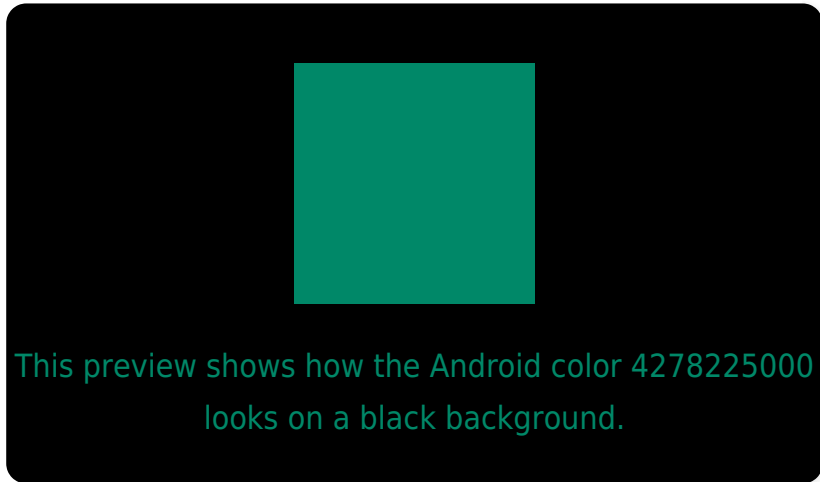
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278225000 Background



This preview shows how black text looks on a background with the Android color 4278225000.



This preview shows how white text looks on a background with the Android color 4278225000.

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
4278225000

Protanopia
4286478176

Deuteranopia
4287001453

Trichromacy



Original Color

4278225000



Protanomaly

4283465059



Deuteranomaly

4283792235



Tritanomaly

4279993728

Monochromacy



Original Color

4278225000



Achromatopsia

4284243036



Achromatomaly

4282084448

CSS Examples

Text

The CSS property to change the color of the text to Android 4278225000 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, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 104)  
}
```

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, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 104) }
```

Border

The CSS property to change the border of an element to Android 4278225000 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, 136, 104) }
```

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

```
.border{ border-color:rgb(0, 136, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 136, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4278225000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 104) }
```

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

```
.background{ background-color: rgb(0, 136,  
104) }
```

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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