

Converting Colors

Android(4278199350)

Have a look what the booklet for
Android(4278199350) contains.

Android(4278199350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278199350)

Conversions

Conversions Part 1

Format	Color
Hex	002436
RGB	0, 36, 54
RGB Percent	0%, 14%, 21%
CMY	1.0000, 0.8588, 0.7882
CMYK	1.00, 0.33, 0.00, 0.79
HSL	200°, 100%, 11%
HSV	200°, 100%, 21%
XYZ	1.2967, 1.5281, 3.7166
YIQ	27.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

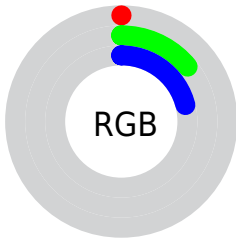
Format	Color
RYB	0, 22, 54
Decimal	9270
CIELab	12.79, -4.60, -15.25
CIELCh	13, 15.926, 253.206
Yxy	1.5281, 0.1982, 0.2336
Android (android.graphics.Color)	4278199350 (0xFF002436)
YUV	27.2880, 13.1690, -23.9316
Hunter-Lab	12.3616, -2.9082, -9.1730

Details

The Android color **4278199350** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281733632**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281552997**, and **4278190087** is the 20% darker color. If you saturate the color by 10%, you get **4278199350**, and if you desaturate by 10%, it is **4278527542**.

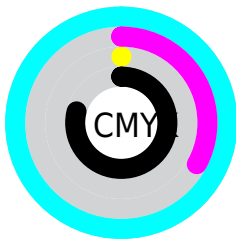
Distribution



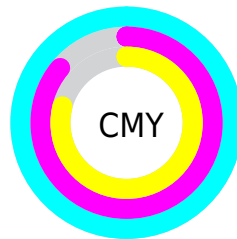
- Red (0%)
- Green (14%)
- Blue (21%)



- Red (0%)
- Yellow (9%)
- Blue (21%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278199350 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 4278199350 by changing the saturation by 10% instead.

 4278199350

 4278199350

 4293787647

 4278193953

 4281552997

 4278190087

 4283197566

 4278190080

 4284842648

 4286553267

 4288263886

 4290040554

 4291882751

 4278199350

■ 4278527542

■ 4278921270

■ 4279249206

■ 4279642934

■ 4279971126

■ 4280299318

■ 4280693046

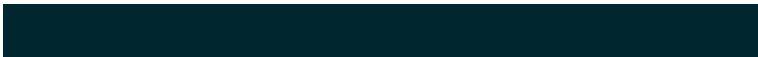
■ 4281020982

■ 4281414710

Harmonies

Analogous

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



4278199856



4278199350



4279771446

Triad

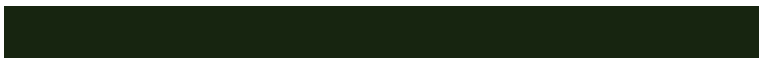
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278199350



4281735197



4279706896

Complementary

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



4278199350



4281733632

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.



4280558088



4278199350



4281604626

Square

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



4278199350



4281473320



4281146889



4278658586

Rectangle

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



4278199350



4280557108



4281146889



4280034317

Sweetspot

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



4278199350



4281483335



4278203922



4279705380



4288914339



4280558628

Same Dimension

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



4278199350



4278202439



4278192438



4279835420



4278205788



4278227675

Inverse Universe

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



4281729060



4282843184



4281740544



4280031515



4284219453



4292542610

Previews

White Background



This preview shows how the Android color 4278199350 looks on a white background.

Color Contrast Check

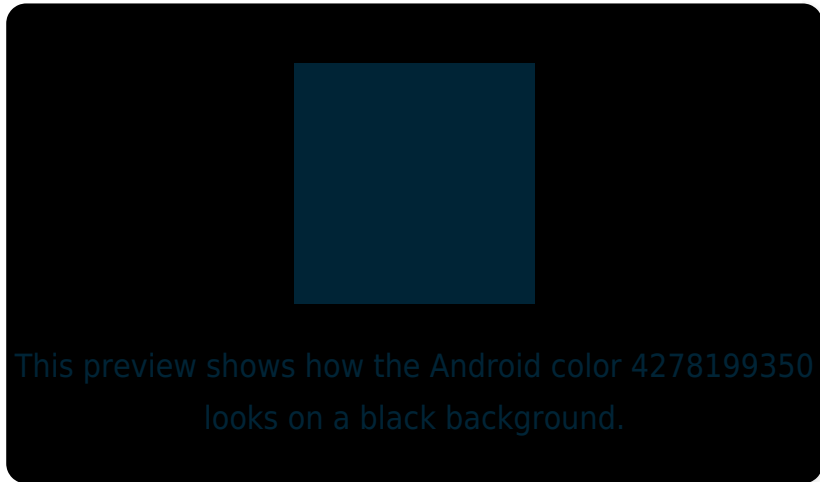
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

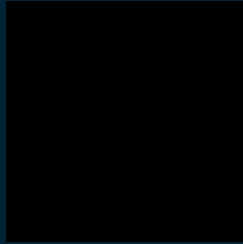
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

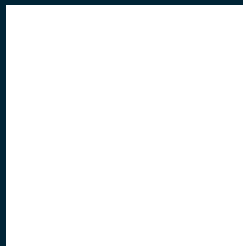
Any Text WCAG AAA × Fail

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

Android 4278199350 Background



This preview shows how black text looks on a background with the Android color 4278199350.



This preview shows how white text looks on a background with the Android color 4278199350.

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

4278199350

Protanopia

4280033588

Deuteranopia

4279640630

Trichromacy



Original Color
4278199350

Protanomaly
4279378485

Deuteranomaly
4279116598

Tritanomaly
4278199598

Monochromacy



Original Color
4278199350

Achromatopsia
4279966491

Achromatomaly
4279311909

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199350 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, 36, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 54)  
}
```

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, 36, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 54) }
```

Border

The CSS property to change the border of an element to Android 4278199350 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, 36, 54) }
```

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

```
.border{ border-color:rgb(0, 36, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 54); box-shadow:4px  
4px 4px 4px rgb(0, 36, 54) }
```

Background

The CSS property to change the background color of an element to Android 4278199350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 54) }
```

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

```
.background{ background-color: rgb(0, 36,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor