

Converting Colors

Android(4278396976)

Have a look what the booklet for
Android(4278396976) contains.

Android(4278396976)	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(4278396976)

Conversions

Conversions Part 1

Format	Color
Hex	032830
RGB	3, 40, 48
RGB Percent	1%, 16%, 19%
CMY	0.9882, 0.8431, 0.8118
CMYK	0.94, 0.17, 0.00, 0.81
HSL	191°, 88%, 10%
HSV	191°, 94%, 19%
XYZ	1.3298, 1.7503, 3.0641
YIQ	29.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

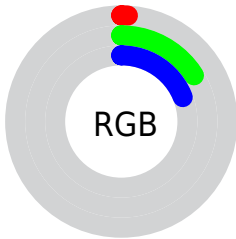
Format	Color
RYB	3, 23, 48
Decimal	206896
CIELab	14.12, -9.34, -8.91
CIELCh	14, 12.904, 223.640
Yxy	1.7503, 0.2164, 0.2849
Android (android.graphics.Color)	4278396976 (0xFF032830)
YUV	29.8490, 8.9484, -23.5466
Hunter-Lab	13.2301, -5.2103, -4.4705

Details

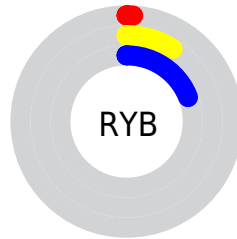
The Android color **4278396976** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281338627**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4281619806**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278200112**, and if you desaturate by 10%, it is **4278724912**.

Distribution



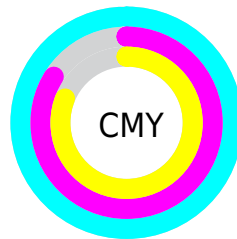
- Red (1%)
- Green (16%)
- Blue (19%)



- Red (1%)
- Yellow (9%)
- Blue (19%)



- Cyan (94%)
- Magenta (17%)
- Yellow (0%)
- Black (81%)



- Cyan (99%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278396976 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 4278396976 by changing the saturation by 10% instead.



4278396976



4278396976



4293787647



4278195227



4281619806



4278190080



4283264375



4284843920



4286554539



4288330950



4290107618



4291949823



4278396976



4278396976

■ 4278200112

■ 4278724912

■ 4279052848

■ 4279315248

■ 4279642928

■ 4279970864

■ 4280298800

■ 4280626736

■ 4280889136

■ 4281217072

Harmonies

Analogous

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



4278528296



4278396976



4279117365

Triad

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



4278396976



4281474345



4280689938

Complementary

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



4278396976



4281338627

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.



4281213458



4278396976



4281736480

Square

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



4278396976



4280950833



4281605912



4280035094

Rectangle

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



4278396976



4279837750



4281605912



4280886289

Sweetspot

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



4278396976



4281088573



4278398987



4279508255



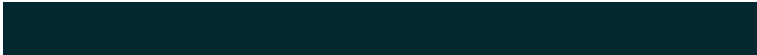
4288585374



4280229663

Same Dimension

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



4278396976



4278202941



4278391344



4279572247



4278208343



4278235350

Inverse Universe

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



4281336616



4282187826



4281344259



4279702807



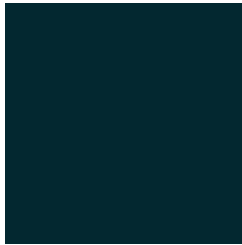
4283891783



4292214960

Previews

White Background



This preview shows how the Android color 4278396976 looks on a white background.

Color Contrast Check

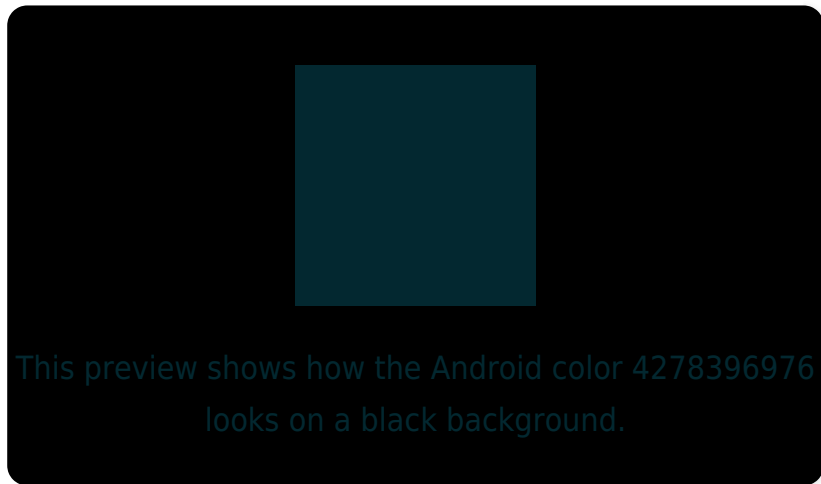
Large Text (above 18pt) WCAG AA ✓ Pass

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

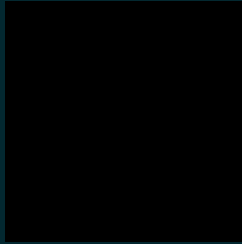
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

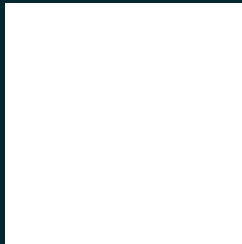
Any Text WCAG AAA × Fail

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

Android 4278396976 Background



This preview shows how black text looks on a background with the Android color 4278396976.



This preview shows how white text looks on a background with the Android color 4278396976.

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
4278396976

Protanopia
4280427565

Deuteranopia
4280362033

Trichromacy



Original Color
4278396976

Protanomaly
4279706926

Deuteranomaly
4279641393

Tritanomaly
4278266157

Monochromacy



Original Color
4278396976

Achromatopsia
4280163870

Achromatomaly
4279509541

CSS Examples

Text

The CSS property to change the color of the text to Android 4278396976 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(3, 40, 48)` looks like.

```
.text, #text, p{  
    color:rgb(3, 40, 48)  
}
```

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(3, 40, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 40, 48) }
```

Border

The CSS property to change the border of an element to Android 4278396976 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(3, 40, 48) }
```

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

```
.border{ border-color:rgb(3, 40, 48) }
```

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

Here you see how a box with a 4 pixel rgb(3, 40, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 40, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 40, 48); box-shadow:4px  
4px 4px 4px rgb(3, 40, 48) }
```

Background

The CSS property to change the background color of an element to Android 4278396976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 40, 48) }
```

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

```
.background{ background-color: rgb(3, 40,  
48) }
```

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