

Converting Colors

Android(4278452234)

Have a look what the booklet for
Android(4278452234) contains.

| | |
|--|----|
| Android(4278452234) | 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(4278452234)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 04000A |
| RGB | 4, 0, 10 |
| RGB Percent | 2%, 0%, 4% |
| CMY | 0.9843, 1.0000, 0.9608 |
| CMYK | 0.60, 1.00, 0.00, 0.96 |
| HSL | 264°, 100%, 2% |
| HSV | 264°, 100%, 4% |
| XYZ | 0.1049, 0.0477, 0.2908 |
| YIQ | 2.3360, -0.8260, 3.9580 |

Conversions

Conversions Part 2

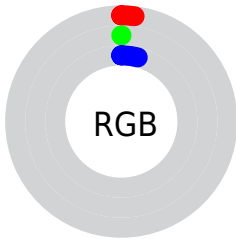
| Format | Color |
|-------------------------------------|---|
| RYB | 4, 0, 10 |
| Decimal | 262154 |
| CIELab | 0.43, 2.44, -3.42 |
| CIElCh | 0, 4.197, 305.499 |
| Yxy | 0.0477, 0.2365, 0.1076 |
| Android (android.graphics.Color) | 4278452234 (0xFF04000A) |
| YUV | 2.3360, 3.7784, 1.4593 |
| Hunter-Lab | 2.1846, 4.7444, -6.3641 |

Details

The Android color **4278452234** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278585856**, and the grayscale version is **4278321666**.

A 20% lighter version of the original color is **4281544758**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278452234**, and if you desaturate by 10%, it is **4278518026**.

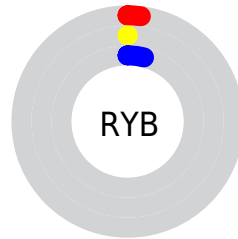
Distribution



Red (2%)

Green (0%)

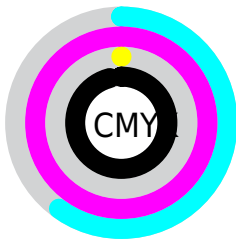
Blue (4%)



Red (2%)

Yellow (0%)

Blue (4%)

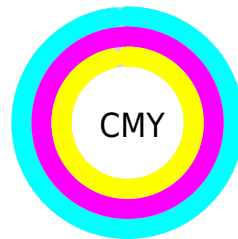


Cyan (60%)

Magenta (100%)

Yellow (0%)

Black (96%)



Cyan (98%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278452234 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 4278452234 by changing the saturation by 10% instead.

■ 4278452234

■ 4278452234

■ 4293255914

■ 4278190080

■ 4281544758

■ 4282992461

■ 4284571237

■ 4286216062

■ 4287861144

■ 4289637298

■ 4291413710

■ 4278452234

■ 4278518026

■ 4278518282

■ 4278584074

■ 4278584330

■ 4278650122

■ 4278715914

■ 4278716170

■ 4278781962

■ 4278782218

Harmonies

Analogous

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



4278190604



4278452234



4278845446

Triad

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



4278452234



4278648832



4278190850

Complementary

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



4278452234



4278585856

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.



4278190848



4278452234



4278256128

Square

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



4278452234



4278910976



4278190848



4278190855

Rectangle

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



4278452234



4278976515



4278190848



4278190849

Sweetspot

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



4278452234



4278847757



4278191626



4278584584



4287072135



4278716424

Same Dimension

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



4278452234



4278517773



4278779914



4278519045



4280025157



4283367620

Inverse Universe

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



4278845446



4279042056



4278258176



4278519045



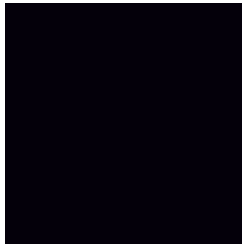
4282712105



4291035254

Previews

White Background



This preview shows how the Android color 4278452234 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

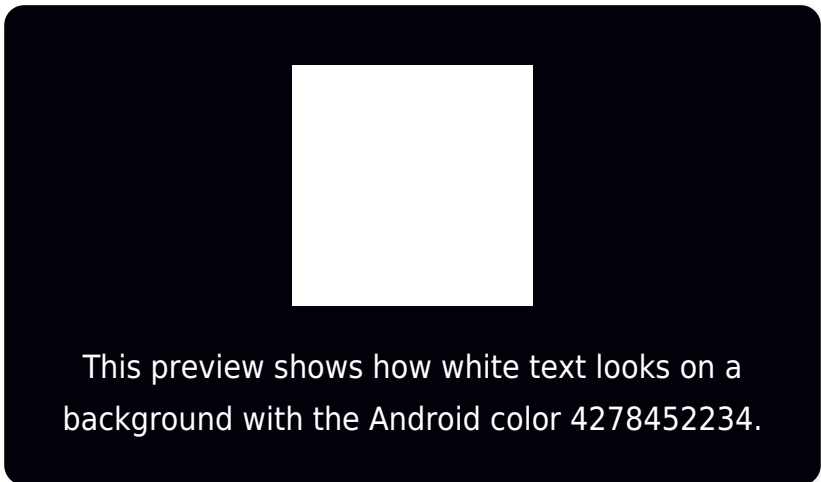
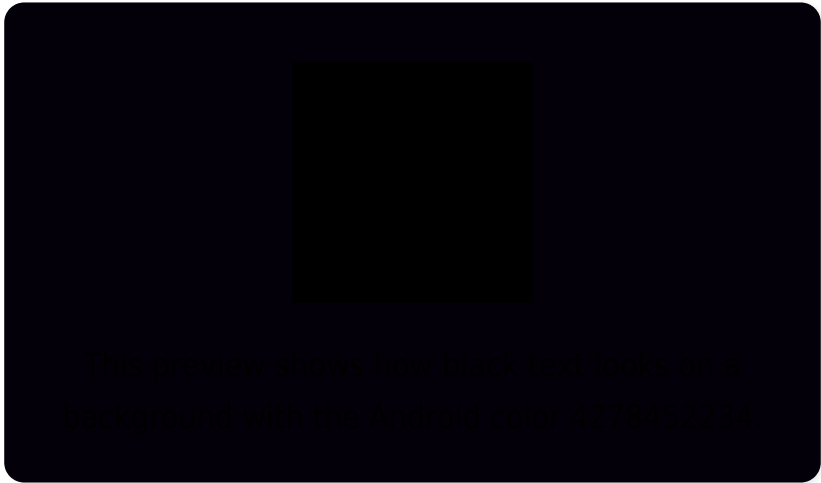
Any Text WCAG AA × Fail

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 4278452234 Background



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
4278452234

Protanopia
4278190855

Deuteranopia
4278191110



Tritanopia
4278256644

Trichromacy



Original Color

4278452234

Protanomaly

4278256136

Deuteranomaly

4278256391

Tritanomaly

4278321926

Monochromacy



Original Color

4278452234

Achromatopsia

4278321666

Achromatomaly

4278386949

CSS Examples

Text

The CSS property to change the color of the text to Android 4278452234 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(4, 0, 10)` looks like.

```
.text, #text, p{  
    color:rgb(4, 0, 10)  
}
```

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(4, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 0, 10) }
```

Border

The CSS property to change the border of an element to Android 4278452234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

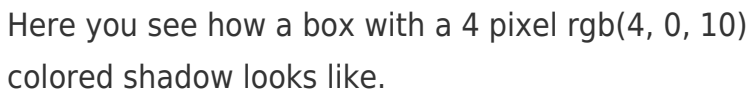
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(4, 0, 10) }
```

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

```
.border{ border-color:rgb(4, 0, 10) }
```

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



Here you see how a box with a 4 pixel `rgb(4, 0, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 0, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 0, 10); box-shadow:4px  
4px 4px 4px rgb(4, 0, 10) }
```

Background

The CSS property to change the background color of an element to Android 4278452234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 0, 10) }
```

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

```
.background{ background-color: rgb(4, 0,  
10) }
```

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