

Converting Colors

Android(4278521873)

Have a look what the booklet for
Android(4278521873) contains.

Android(4278521873)	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(4278521873)

Conversions

Conversions Part 1

Format	Color
Hex	051011
RGB	5, 16, 17
RGB Percent	2%, 6%, 7%
CMY	0.9804, 0.9373, 0.9333
CMYK	0.71, 0.06, 0.00, 0.93
HSL	185°, 55%, 4%
HSV	185°, 71%, 7%
XYZ	0.3491, 0.4433, 0.5975
YIQ	12.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

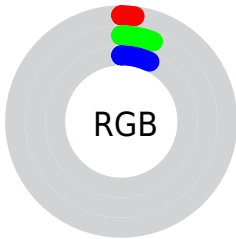
Format	Color
RYB	5, 11, 17
Decimal	331793
CIELab	4.00, -2.96, -1.64
CIELCh	4, 3.387, 209.001
Yxy	0.4433, 0.2511, 0.3190
Android (android.graphics.Color)	4278521873 (0xFF051011)
YUV	12.8250, 2.0583, -6.8625
Hunter-Lab	6.6582, -2.2940, -0.6597

Details

The Android color **4278521873** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279305733**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4281547579**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278390801**, and if you desaturate by 10%, it is **4278652945**.

Distribution



Red (2%)

Green (6%)

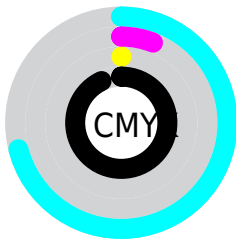
Blue (7%)



Red (2%)

Yellow (4%)

Blue (7%)

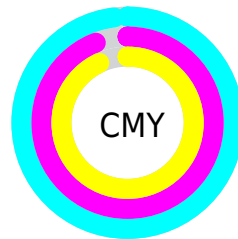


Cyan (71%)

Magenta (6%)

Yellow (0%)

Black (93%)



Cyan (98%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278521873 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 4278521873 by changing the saturation by 10% instead.

■ 4278521873

■ 4278521873

■ 4293325041

■ 4278190080

■ 4281547579

■ 4282995026

■ 4284574315

■ 4286219140

■ 4287929758

■ 4289706169

■ 4291482580

■ 4278521873

■ 4278521873

■ 4278390801

■ 4278652945

■ 4278325265

■ 4278718481

■ 4278194193

■ 4278849553

■ 4278980881

■ 4279111953

■ 4279177489

■ 4279308561

■ 4279439633

■ 4279505169

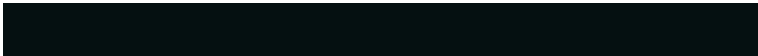
Harmonies

Analogous

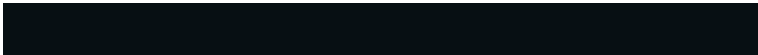
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278587406



4278521873



4278652691

Triad

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



4278521873



4279372817



4279307782

Complementary

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



4278521873



4279305733

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.



4279504136



4278521873



4279503886

Square

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



4278521873



4279176467



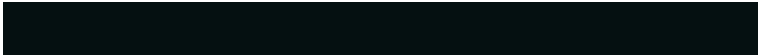
4279569419



4279045895

Rectangle

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



4278521873



4278783764



4279569419



4279373063

Sweetspot

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



4278521873



4279375639



4278522118



4278848525



4287401100



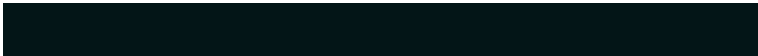
4279045389

Same Dimension

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



4278521873



4278392087



4278520337



4278650888



4278206791



4278236871

Inverse Universe

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



4279305488



4279698197



4279307269



4278716168



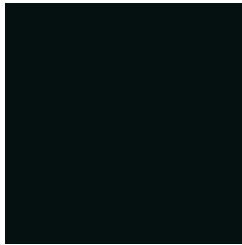
4282843201



4291231926

Previews

White Background



This preview shows how the Android color 4278521873 looks on a white background.

Color Contrast Check

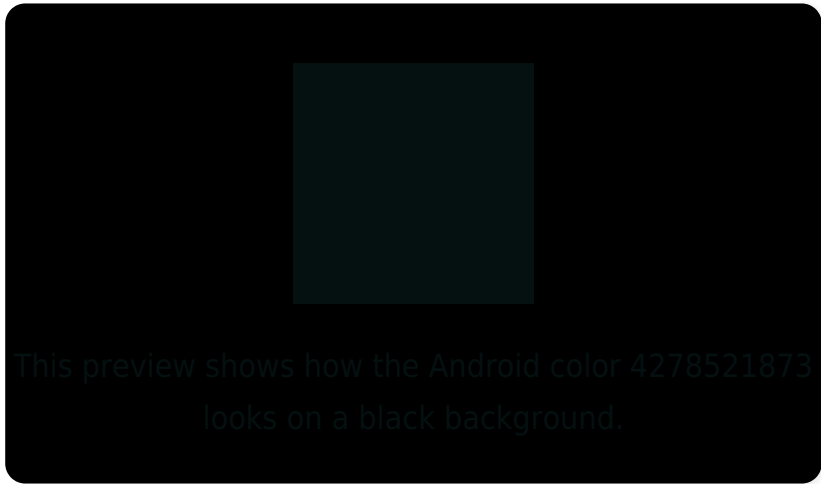
Large Text (above 18pt) WCAG AA ✓ Pass

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

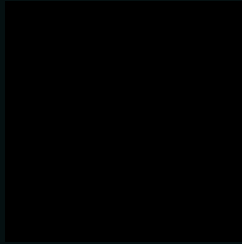
Any Text WCAG AA × Fail

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 4278521873 Background



This preview shows how black text looks on a background with the Android color 4278521873.

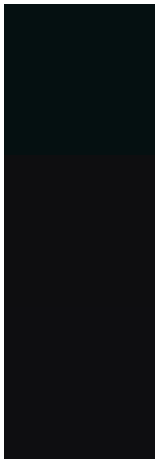


This preview shows how white text looks on a background with the Android color 4278521873.

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

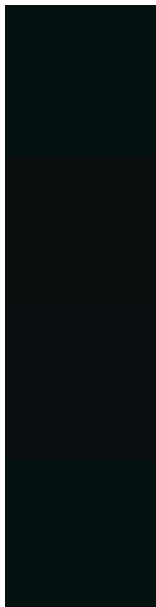


Original Color
4278521873

Protanopia
4279111184

Deuteranopia
4279111185

Trichromacy



Original Color

4278521873

Protanomaly

4278914832

Deuteranomaly

4278914833

Tritanomaly

4278521873

Monochromacy



Original Color

4278521873

Achromatopsia

4279045389

Achromatomaly

4278849038

CSS Examples

Text

The CSS property to change the color of the text to Android 4278521873 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(5, 16, 17)` looks like.

```
.text, #text, p{  
    color:rgb(5, 16, 17)  
}
```

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(5, 16, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 16, 17) }
```

Border

The CSS property to change the border of an element to Android 4278521873 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(5, 16, 17) }
```

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

```
.border{ border-color:rgb(5, 16, 17) }
```

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

Here you see how a box with a 4 pixel rgb(5, 16, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 16, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 16, 17); box-shadow:4px  
4px 4px 4px rgb(5, 16, 17) }
```

Background

The CSS property to change the background color of an element to Android 4278521873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 16, 17) }
```

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

```
.background{ background-color: rgb(5, 16,  
17) }
```

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