

Converting Colors

Android(4278650880)

Have a look what the booklet for
Android(4278650880) contains.

Android(4278650880)	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(4278650880)

Conversions

Conversions Part 1

Format	Color
Hex	070800
RGB	7, 8, 0
RGB Percent	3%, 3%, 0%
CMY	0.9725, 0.9686, 1.0000
CMYK	0.12, 0.00, 1.00, 0.97
HSL	68°, 100%, 2%
HSV	68°, 100%, 3%
XYZ	0.1745, 0.2188, 0.0330
YIQ	6.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

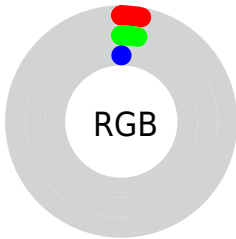
Format	Color
RYB	0, 8, 1
Decimal	460800
CIELab	1.98, -1.37, 2.94
CIElCh	2, 3.241, 115.083
Yxy	0.2188, 0.4092, 0.5133
Android (android.graphics.Color)	4278650880 (0xFF070800)
YUV	6.7890, -3.3470, 0.1850
Hunter-Lab	4.6780, -1.5298, 2.8558

Details

The Android color **4278650880** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278255624**, and the grayscale version is **4278650631**.

A 20% lighter version of the original color is **4281611568**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278650880**, and if you desaturate by 10%, it is **4278650881**.

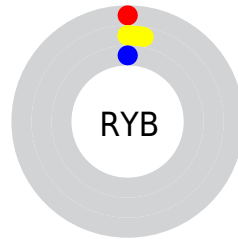
Distribution



Red (3%)

Green (3%)

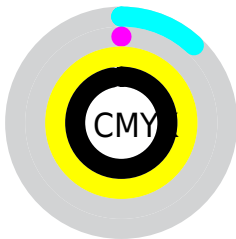
Blue (0%)



Red (0%)

Yellow (3%)

Blue (0%)

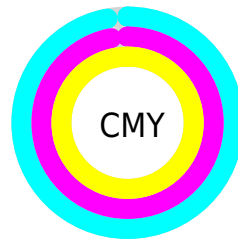


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (97%)



Cyan (97%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278650880 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 4278650880 by changing the saturation by 10% instead.

■ 4278650880

■ 4278650880

■ 4293454306

■ 4278190080

■ 4281611568

■ 4283124807

■ 4284703838

■ 4286348407

■ 4288059025

■ 4289769899

■ 4291611846

■ 4278650880

■ 4278650881

■ 4278650882

■ 4278650883

■ 4278716420

■ 4278716421

■ 4278716422

■ 4278716423

Harmonies

Analogous

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



4278978304



4278650880



4278323459

Triad

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



4278650880



4278192397



4279174408

Complementary

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



4278650880



4278255624

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.



4278977804



4278650880



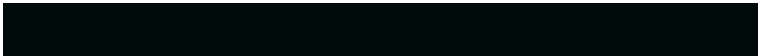
4278388750

Square

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



4278650880



4278192650



4278650382



4279239940

Rectangle

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



4278650880



4278192645



4278650382



4279108873

Sweetspot

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



4278650880



4278848007



4278714624



4278519043



4286940549



4278519045

Same Dimension

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



4278650880



4278782464



4278388736



4278519045



4282139904



4289512448

Inverse Universe

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



4278255624



4278255626



4278517768



4278519045



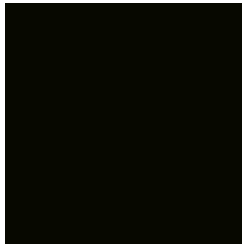
4278779973



4279828676

Previews

White Background



This preview shows how the Android color 4278650880 looks on a white background.

Color Contrast Check

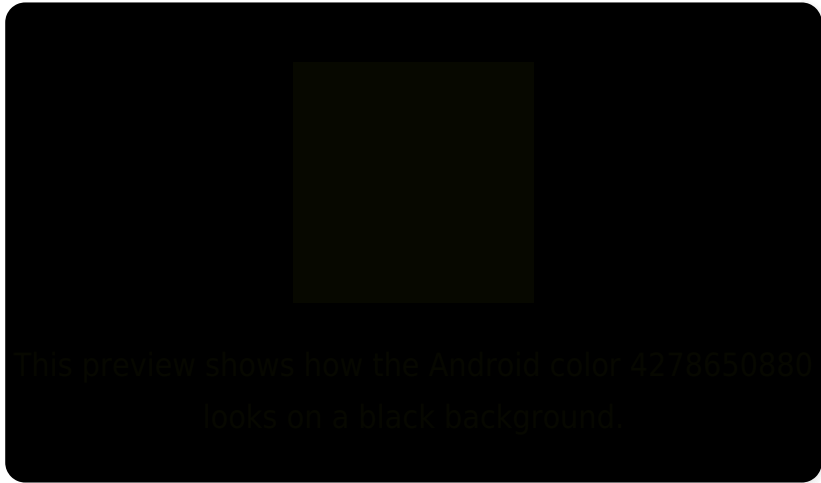
Large Text (above 18pt) WCAG AA ✓ Pass

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

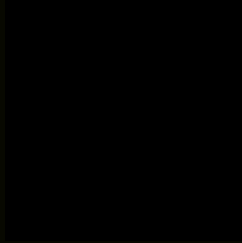
Any Text WCAG AA × Fail

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 4278650880 Background



This preview shows how black text looks on a background with the Android color 4278650880.

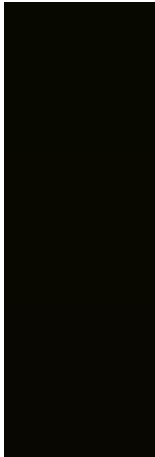


This preview shows how white text looks on a background with the Android color 4278650880.

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
4278650880

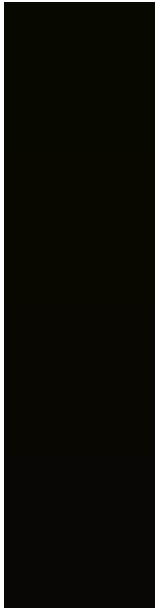
Protanopia
4278716416

Deuteranopia
4278781697



Tritanopia
4278716168

Trichromacy



Original Color

4278650880

Protanomaly

4278716416

Deuteranomaly

4278716161

Tritanomaly

4278716165

Monochromacy



Original Color

4278650880

Achromatopsia

4278650631

Achromatomaly

4278650628

CSS Examples

Text

The CSS property to change the color of the text to Android 4278650880 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(7, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 8, 0)  
}
```

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(7, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 8, 0) }
```

Border

The CSS property to change the border of an element to Android 4278650880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

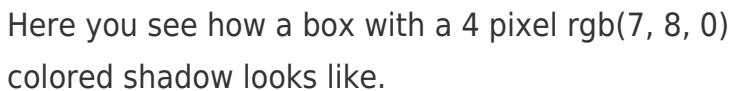
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(7, 8, 0) }
```

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

```
.border{ border-color:rgb(7, 8, 0) }
```

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



Here you see how a box with a 4 pixel rgb(7, 8, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 8, 0); box-shadow:4px  
4px 4px 4px rgb(7, 8, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278650880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 8, 0) }
```

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

```
.background{ background-color: rgb(7, 8, 0)  
}
```

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