

Converting Colors

Android(4278191974)

Have a look what the booklet for
Android(4278191974) contains.

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Color

Android(4278191974)

Conversions

Conversions Part 1

Format	Color
Hex	000766
RGB	0, 7, 102
RGB Percent	0%, 3%, 40%
CMY	1.0000, 0.9725, 0.6000
CMYK	1.00, 0.93, 0.00, 0.60
HSL	236°, 100%, 20%
HSV	236°, 100%, 40%
XYZ	2.4743, 1.1113, 12.6545
YIQ	15.7370, -34.6670, 28.0610

Conversions

Conversions Part 2

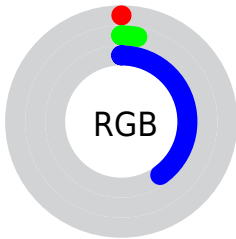
Format	Color
RYB	0, 7, 102
Decimal	1894
CIELab	9.89, 36.61, -52.97
CIELCh	10, 64.390, 304.648
Yxy	1.1113, 0.1524, 0.0684
Android (android.graphics.Color)	4278191974 (0xFF000766)
YUV	15.7370, 42.5277, -13.8013
Hunter-Lab	10.5417, 23.4481, -63.7939

Details

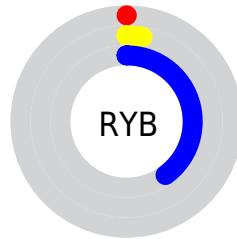
The Android color **4278191974** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4284899072**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4282987674**, and **4278191413** is the 20% darker color. If you saturate the color by 10%, you get **4278191974**, and if you desaturate by 10%, it is **4278849638**.

Distribution



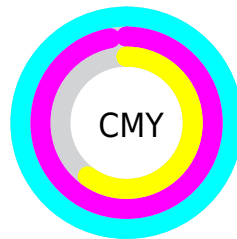
- Red (0%)
- Green (3%)
- Blue (40%)



- Red (0%)
- Yellow (3%)
- Blue (40%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (97%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191974 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 4278191974 by changing the saturation by 10% instead.

 4278191974

 4278191974

 4294961919

 4278190157

 4282987674

 4278191413

 4284763062

 4278190623

 4286604498

 4278190083

 4288445934

 4278190080

 4290353151

 4292260607

 4294168319

 4278191974

■ 4278849638

■ 4279507558

■ 4280230758

■ 4280888678

■ 4281546342

■ 4282204262

■ 4282862182

■ 4283585382

■ 4284243302

Harmonies

Analogous

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



4278198903



4278191974



4283367490

Triad

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



4278191974



4282319616



4278200353

Complementary

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



4278191974



4284899072

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.



4278200320



4278191974



4280098048

Square

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



4278191974



4283826176



4278199808



4278201165

Rectangle

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



4278191974



4284219429



4278199808



4278200338

Sweetspot

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



4278191974



4284309637



4278216286



4280953922



4290953922



4282532418

Same Dimension

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



4278191974



4278192517



4281008230



4281216563



4278192243



4278194674

Inverse Universe

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



4284874759



4286906377



4282148352



4281544238



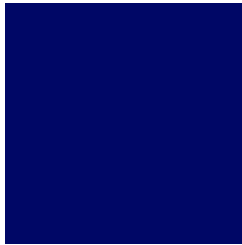
4285726728



4294049809

Previews

White Background



This preview shows how the Android color 4278191974 looks on a white background.

Color Contrast Check

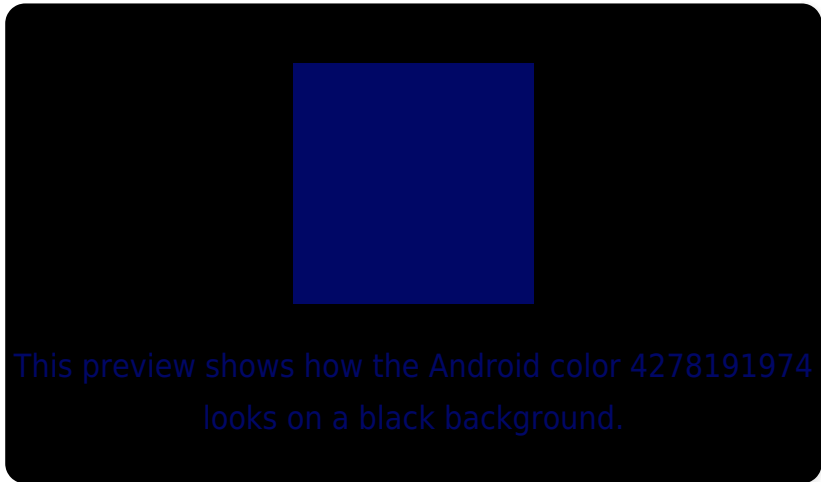
Large Text (above 18pt) WCAG AA ✓ Pass

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

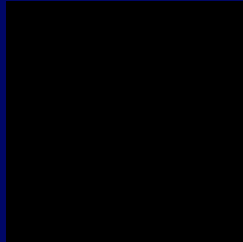
Any Text WCAG AA × Fail

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 4278191974 Background



This preview shows how black text looks on a background with the Android color 4278191974.



This preview shows how white text looks on a background with the Android color 4278191974.

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

4278191974

Protanopia

4278197823

Deuteranopia

4278198326

Trichromacy



Original Color
4278191974

Protanomaly
4278195789

Deuteranomaly
4278196039

Tritanomaly
4278196540

Monochromacy



Original Color
4278191974

Achromatopsia
4279242768

Achromatomaly
4278848815

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191974 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, 7, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 7, 102)  
}
```

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, 7, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 7, 102) }
```

Border

The CSS property to change the border of an element to Android 4278191974 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, 7, 102) }
```

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

```
.border{ border-color:rgb(0, 7, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 7, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 7, 102); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 7, 102); box-shadow:4px  
4px 4px 4px rgb(0, 7, 102) }
```

Background

The CSS property to change the background color of an element to Android 4278191974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 7, 102) }
```

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

```
.background{ background-color: rgb(0, 7,  
102) }
```

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](#).

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