

Converting Colors

Android(4279697441)

Have a look what the booklet for
Android(4279697441) contains.

Android(4279697441)	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(4279697441)

Conversions

Conversions Part 1

Format	Color
Hex	170021
RGB	23, 0, 33
RGB Percent	9%, 0%, 13%
CMY	0.9098, 1.0000, 0.8706
CMYK	0.30, 1.00, 0.00, 0.87
HSL	282°, 100%, 6%
HSV	282°, 100%, 13%
XYZ	0.6279, 0.2920, 1.4621
YIQ	10.6390, 3.1150, 15.1390

Conversions

Conversions Part 2

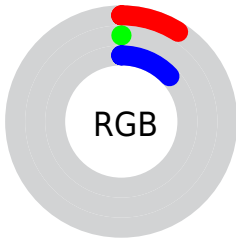
Format	Color
RYB	23, 0, 33
Decimal	1507361
CIELab	2.64, 14.35, -15.40
CIELCh	3, 21.054, 312.975
Yxy	0.2920, 0.2636, 0.1226
Android (android.graphics.Color)	4279697441 (0xFF170021)
YUV	10.6390, 11.0240, 10.8406
Hunter-Lab	5.4034, 11.2855, -12.2610

Details

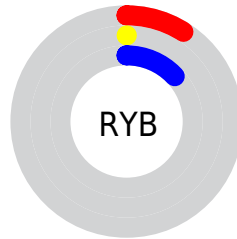
The Android color **4279697441** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4278853888**, and the grayscale version is **4278913803**.

A 20% lighter version of the original color is **4282396493**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279697441**, and if you desaturate by 10%, it is **4279763745**.

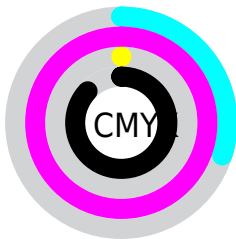
Distribution



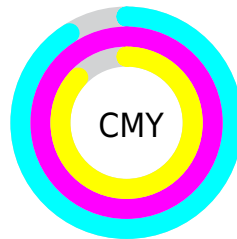
- Red (9%)
- Green (0%)
- Blue (13%)



- Red (9%)
- Yellow (0%)
- Blue (13%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279697441 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 4279697441 by changing the saturation by 10% instead.

 4279697441

 4279697441

 4294501119

 4278190087

 4282396493

 4278190080

 4283975269

 4285619838

 4287264408

 4289040563

 4290816974

 4292658923

 4279697441

■ 4279763745

■ 4279830305

■ 4279896609

■ 4279962913

■ 4280029473

■ 4280095777

■ 4280162081

■ 4280228385

■ 4280294945

Harmonies

Analogous

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



4278192167



4279697441



4280483861

Triad

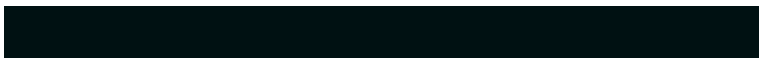
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279697441



4279763968



4278194450

Complementary

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



4279697441



4278853888

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.



4278194432



4279697441



4278390016

Square

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



4279697441



4280483840



4278194432



4278194719

Rectangle

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



4279697441



4280745992



4278194432



4278194444

Sweetspot

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



4279697441



4280753707



4278192673



4279504663



4288059030



4279703319

Same Dimension

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



4279697441



4280156203



4280352795



4279176719



4281794639



4287627471

Inverse Universe

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



4280352778



4281008141



4278198534



4279176718



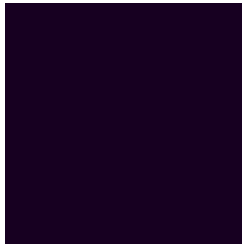
4283367448



4291756095

Previews

White Background



This preview shows how the Android color 4279697441 looks on a white background.

Color Contrast Check

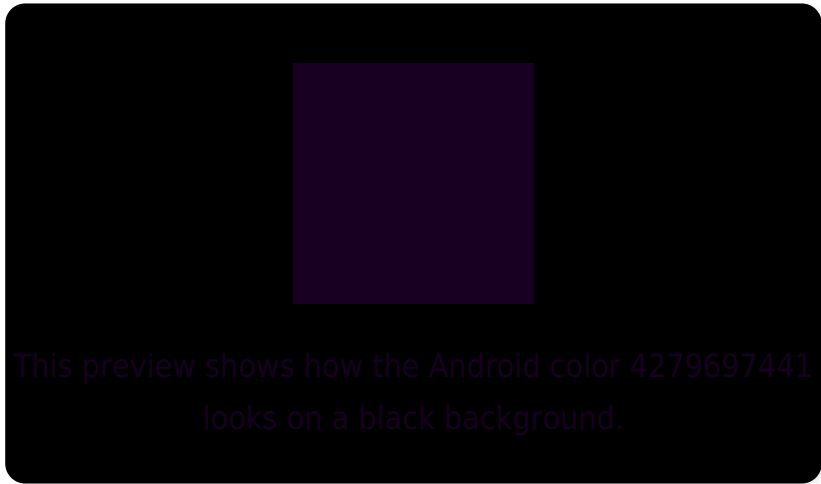
Large Text (above 18pt) WCAG AA ✓ Pass

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

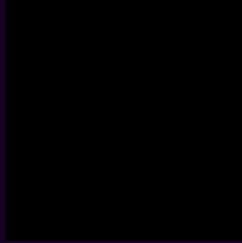
Any Text WCAG AA × Fail

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 4279697441 Background



This preview shows how black text looks on a background with the Android color 4279697441.



This preview shows how white text looks on a background with the Android color 4279697441.

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
4279697441

Protanopia
4278193694

Deuteranopia
4278193946

Trichromacy



Original Color

4279697441

Protanomaly

4278716703

Deuteranomaly

4278716957

Tritanomaly

4279568405

Monochromacy



Original Color

4279697441

Achromatopsia

4278913803

Achromatomaly

4279174931

CSS Examples

Text

The CSS property to change the color of the text to Android 4279697441 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(23, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 33)  
}
```

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(23, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 33) }
```

Border

The CSS property to change the border of an element to Android 4279697441 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(23, 0, 33) }
```

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

```
.border{ border-color:rgb(23, 0, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 0, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 0, 33); box-shadow:4px  
4px 4px 4px rgb(23, 0, 33) }
```

Background

The CSS property to change the background color of an element to Android 4279697441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 33) }
```

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

```
.background{ background-color: rgb(23, 0,  
33) }
```

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