

Converting Colors

Android(4279177249)

Have a look what the booklet for
Android(4279177249) contains.

Android(4279177249)	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(4279177249)

Conversions

Conversions Part 1

Format	Color
Hex	0F1021
RGB	15, 16, 33
RGB Percent	6%, 6%, 13%
CMY	0.9412, 0.9373, 0.8706
CMYK	0.55, 0.52, 0.00, 0.87
HSL	237°, 38%, 9%
HSV	237°, 55%, 13%
XYZ	0.6568, 0.5819, 1.5166
YIQ	17.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

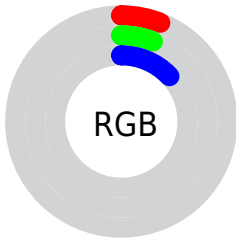
Format	Color
RYB	15, 16, 33
Decimal	987169
CIELab	5.26, 4.25, -11.47
CIELCh	5, 12.232, 290.318
Yxy	0.5819, 0.2384, 0.2112
Android (android.graphics.Color)	4279177249 (0xFF0F1021)
YUV	17.6390, 7.5730, -2.3144
Hunter-Lab	7.6285, 2.0187, -6.4469

Details

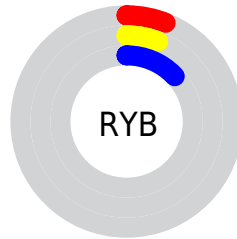
The Android color **4279177249** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4280360975**, and the grayscale version is **4279374354**.

A 20% lighter version of the original color is **4281940813**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278979873**, and if you desaturate by 10%, it is **4279374625**.

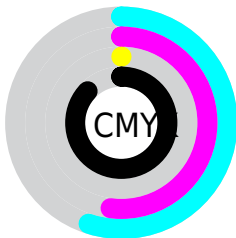
Distribution



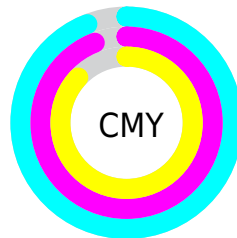
- Red (6%)
- Green (6%)
- Blue (13%)



- Red (6%)
- Yellow (6%)
- Blue (13%)



- Cyan (55%)
- Magenta (52%)
- Yellow (0%)
- Black (87%)



- Cyan (94%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279177249 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 4279177249 by changing the saturation by 10% instead.

■ 4279177249

■ 4279177249

■ 4293914879

■ 4278190088

■ 4281940813

■ 4278190080

■ 4283454053

■ 4285098622

■ 4286743448

■ 4288454067

■ 4290230478

■ 4292072427

■ 4279177249

■ 4279177249

■ 4278979873

■ 4279374625

■ 4278716961

■ 4279637537

■ 4278519585

■ 4279834913

■ 4278322209

■ 4280032289

■ 4278190625

■ 4280295457

■ 4280492833

■ 4280690209

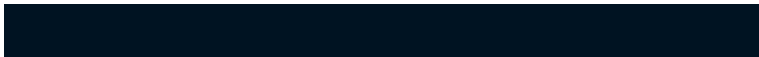
■ 4280887585

■ 4281150497

Harmonies

Analogous

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



4278194978



4279177249



4279897116

Triad

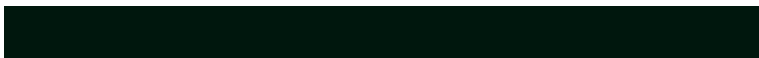
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279177249



4280355840



4278195981

Complementary

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



4279177249



4280360975

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.



4278457856



4279177249



4279898112

Square

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



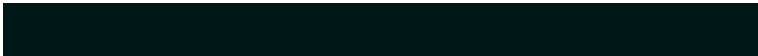
4279177249



4280420873



4279309056



4278195991

Rectangle

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



4279177249



4280224536



4279309056



4278195977

Sweetspot

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



4279177249



4280558891



4279181600



4279440151



4288059030



4279703319

Same Dimension

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



4279177249



4279177515



4279701281



4279111183



4278191183



4278193103

Inverse Universe

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



4280356624



4281011985



4279836943



4279176718



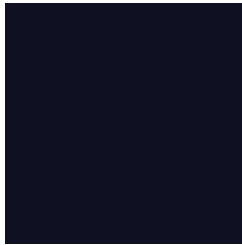
4283367428



4291756043

Previews

White Background



This preview shows how the Android color 4279177249 looks on a white background.

Color Contrast Check

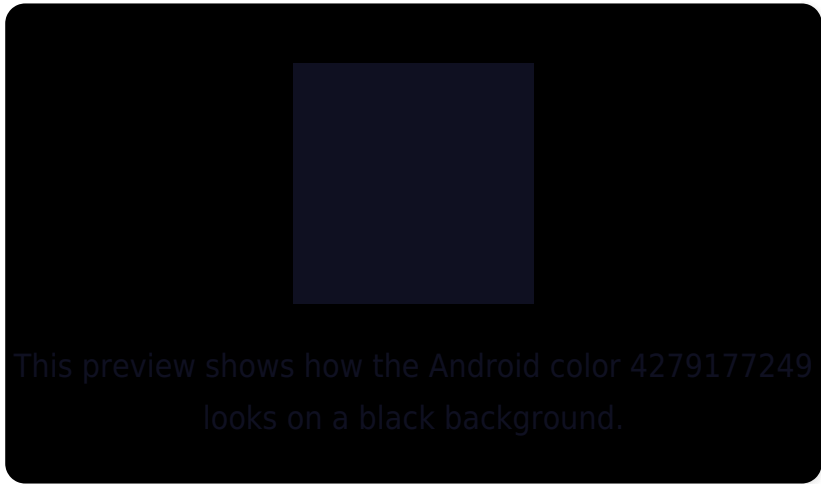
Large Text (above 18pt) WCAG AA ✓ Pass

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

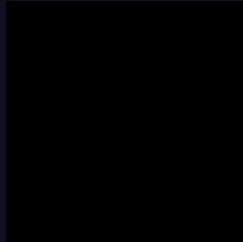
Any Text WCAG AA × Fail

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 4279177249 Background



This preview shows how black text looks on a background with the Android color 4279177249.



This preview shows how white text looks on a background with the Android color 4279177249.

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

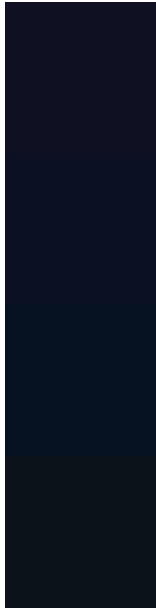


Original Color
4279177249

Protanopia
4278718754

Deuteranopia
4278194720

Trichromacy



Original Color

4279177249

Protanomaly

4278915362

Deuteranomaly

4278522144

Tritanomaly

4278981145

Monochromacy



Original Color

4279177249

Achromatopsia

4279374354

Achromatomaly

4279308567

CSS Examples

Text

The CSS property to change the color of the text to Android 4279177249 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(15, 16, 33)` looks like.

```
.text, #text, p{  
    color:rgb(15, 16, 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(15, 16, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 16, 33) }
```

Border

The CSS property to change the border of an element to Android 4279177249 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(15, 16, 33) }
```

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

```
.border{ border-color:rgb(15, 16, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 16, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 16, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 16, 33);  
box-shadow:4px 4px 4px 4px rgb(15, 16, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4279177249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 16, 33) }
```

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

```
.background{ background-color: rgb(15, 16,  
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