

Converting Colors

Android(4279374628)

Have a look what the booklet for
Android(4279374628) contains.

Android(4279374628)	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(4279374628)

Conversions

Conversions Part 1

Format	Color
Hex	121324
RGB	18, 19, 36
RGB Percent	7%, 7%, 14%
CMY	0.9294, 0.9255, 0.8588
CMYK	0.50, 0.47, 0.00, 0.86
HSL	237°, 33%, 11%
HSV	237°, 50%, 14%
XYZ	0.8008, 0.7217, 1.7662
YIQ	20.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

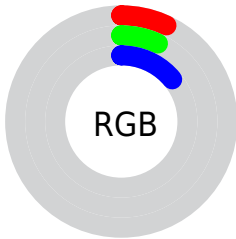
Format	Color
RYB	18, 19, 36
Decimal	1184548
CIELab	6.52, 4.70, -11.80
CIELCh	7, 12.704, 291.725
Yxy	0.7217, 0.2435, 0.2195
Android (android.graphics.Color)	4279374628 (0xFF121324)
YUV	20.6390, 7.5730, -2.3144
Hunter-Lab	8.4954, 1.9582, -6.3794

Details

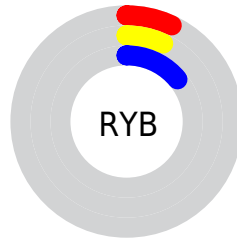
The Android color **4279374628** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4280558354**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4282203473**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279111716**, and if you desaturate by 10%, it is **4279637540**.

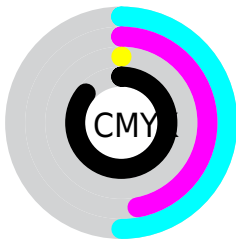
Distribution



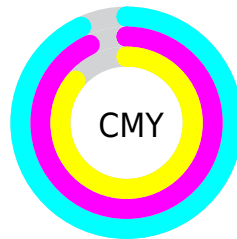
- Red (7%)
- Green (7%)
- Blue (14%)



- Red (7%)
- Yellow (7%)
- Blue (14%)



- Cyan (50%)
- Magenta (47%)
- Yellow (0%)
- Black (86%)



- Cyan (93%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279374628 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 4279374628 by changing the saturation by 10% instead.

■ 4279374628

■ 4279374628

■ 4294177791

■ 4278190350

■ 4282203473

■ 4278190080

■ 4283716713

■ 4285296002

■ 4287006364

■ 4288716983

■ 4290493394

■ 4292335599

■ 4279374628

■ 4279374628

■ 4279111716

■ 4279637540

■ 4278914084

■ 4279835172

■ 4278651172

■ 4280098084

■ 4278453540

■ 4280295716

■ 4278190628

■ 4280558628

■ 4280821540

■ 4281019172

■ 4281282084

■ 4281479716

Harmonies

Analogous

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



4278326821



4279374628



4280094751

Triad

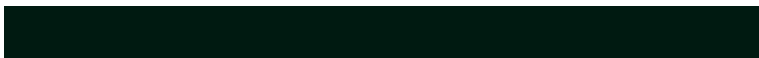
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279374628



4280487936



4278196753

Complementary

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



4279374628



4280558354

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.



4278654980



4279374628



4280095488

Square

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



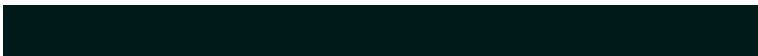
4279374628



4280618509



4279571968



4278196762

Rectangle

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



4279374628



4280421914



4279571968



4278196493

Sweetspot

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



4279374628



4280756014



4279378979



4279440151



4288059030



4279703319

Same Dimension

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



4279374628



4279374894



4279898660



4279242770



4278191442



4278193361

Inverse Universe

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



4280554003



4281209364



4280034322



4279373840



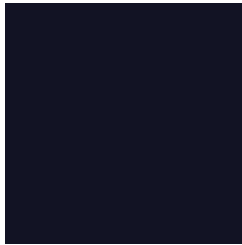
4283564037



4291887116

Previews

White Background



This preview shows how the Android color 4279374628 looks on a white background.

Color Contrast Check

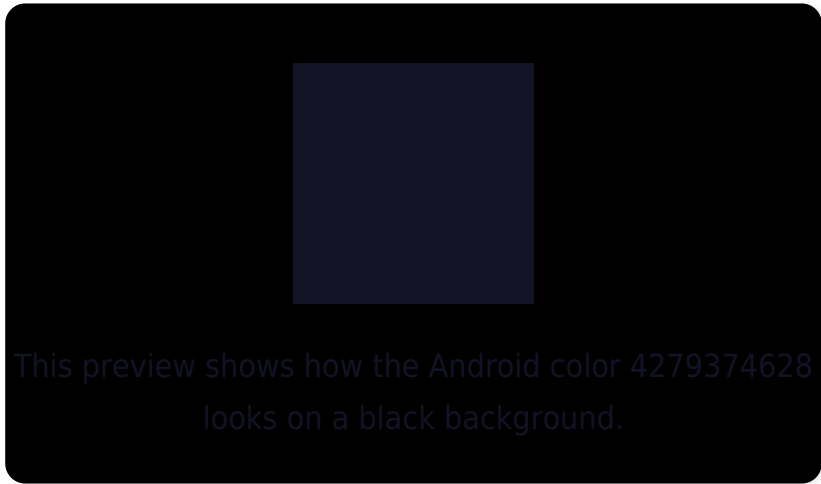
Large Text (above 18pt) WCAG AA ✓ Pass

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

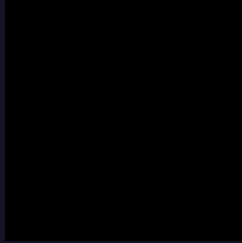
Any Text WCAG AA × Fail

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 4279374628 Background



This preview shows how black text looks on a background with the Android color 4279374628.



This preview shows how white text looks on a background with the Android color 4279374628.

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](#).

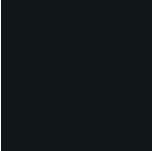
Dichromacy



Original Color
4279374628

Protanopia
4278981669

Deuteranopia
4278785316



Tritanopia
4279113240

Trichromacy



Original Color
4279374628

Protanomaly
4279112741

Deuteranomaly
4278981668

Tritanomaly
4279178524

Monochromacy



Original Color
4279374628

Achromatopsia
4279571733

Achromatomaly
4279505946

CSS Examples

Text

The CSS property to change the color of the text to Android 4279374628 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(18, 19, 36)` looks like.

```
.text, #text, p{  
    color:rgb(18, 19, 36)  
}
```

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(18, 19, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 19, 36) }
```

Border

The CSS property to change the border of an element to Android 4279374628 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(18, 19, 36) }
```

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

```
.border{ border-color:rgb(18, 19, 36) }
```

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

Here you see how a box with a 4 pixel rgb(18, 19, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 19, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 19, 36);  
box-shadow:4px 4px 4px 4px rgb(18, 19, 36)  
}
```

Background

The CSS property to change the background color of an element to Android 4279374628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 19, 36) }
```

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

```
.background{ background-color: rgb(18, 19,  
36) }
```

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