

Converting Colors

Android(4279451179)

Have a look what the booklet for
Android(4279451179) contains.

Android(4279451179)	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(4279451179)

Conversions

Conversions Part 1

Format	Color
Hex	133E2B
RGB	19, 62, 43
RGB Percent	7%, 24%, 17%
CMY	0.9255, 0.7569, 0.8314
CMYK	0.69, 0.00, 0.31, 0.76
HSL	153°, 53%, 16%
HSV	153°, 69%, 24%
XYZ	2.4272, 3.7581, 2.8830
YIQ	46.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

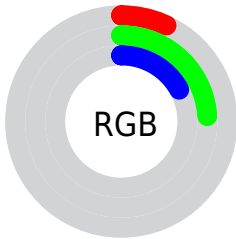
Format	Color
R_{YB}	19, 47, 62
Decimal	1261099
CIE _{Lab}	22.86, -20.24, 7.38
CIE _{LCh}	23, 21.542, 159.963
Yxy	3.7581, 0.2677, 0.4144
Android (android.graphics.Color)	4279451179 (0xFF133E2B)
YUV	46.9770, -1.9607, -24.5358
Hunter-Lab	19.3859, -11.5760, 4.7528

Details

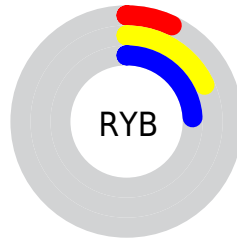
The Android color **4279451179** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282258214**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4282609240**, and **4278194688** is the 20% darker color. If you saturate the color by 10%, you get **4279057960**, and if you desaturate by 10%, it is **4279844398**.

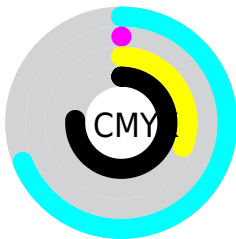
Distribution



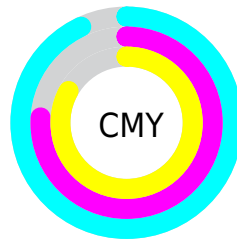
- Red (7%)
- Green (24%)
- Blue (17%)



- Red (7%)
- Yellow (18%)
- Blue (24%)



- Cyan (69%)
- Magenta (0%)
- Yellow (31%)
- Black (76%)



- Cyan (93%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279451179 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 4279451179 by changing the saturation by 10% instead.

■ 4279451179

■ 4279451179

4294967295

■ 4278200342

■ 4282609240

■ 4278194688

■ 4284254321

■ 4278190080

■ 4285899402

■ 4287610277

■ 4289386944

■ 4291229148

■ 4293066744

■ 4279451179

■ 4279451179

■ 4279057960

■ 4279844398

■ 4278664742

■ 4280237616

■ 4278205987

■ 4280696371

■ 4281089590

■ 4281482809

■ 4281876027

■ 4282269246

■ 4282728001

■ 4283121220

Harmonies

Analogous

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



4280957981



4279451179



4278206268

Triad

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



4279451179



4280694358



4283640867

Complementary

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



4279451179



4282258214

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.



4283771186



4279451179



4282331215

Square

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



4279451179



4278205268



4283378498



4282987032

Rectangle

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



4279451179



4278206022



4283378498



4283706151

Sweetspot

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



4279451179



4282405450



4280696339



4280232228



4289243304



4280887593

Same Dimension

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



4279451179



4279128628



4279450686



4280033053



4278214197



4278247036

Inverse Universe

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



4282258214



4283567660



4282258707



4280228893



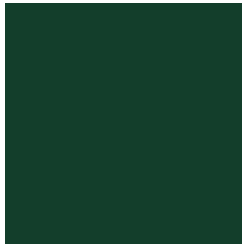
4284350506



4292739170

Previews

White Background



This preview shows how the Android color 4279451179 looks on a white background.

Color Contrast Check

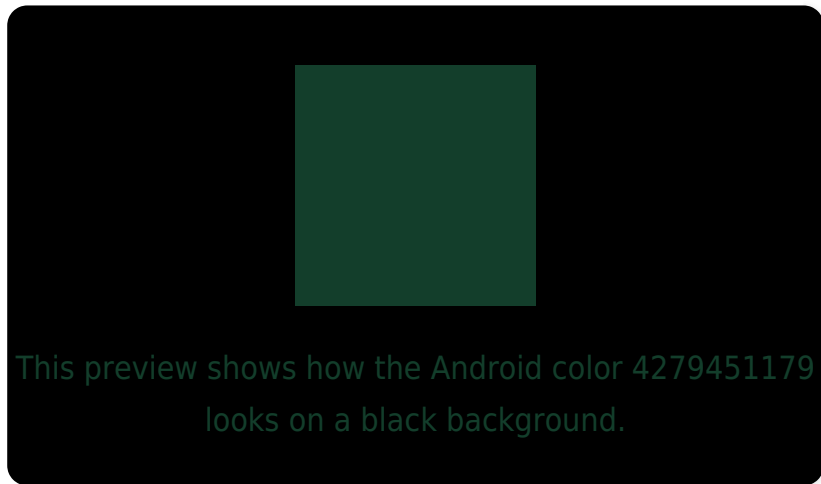
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279451179 Background



This preview shows how black text looks on a background with the Android color 4279451179.



This preview shows how white text looks on a background with the Android color 4279451179.

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

[4279451179](#)

Protanopia

[4282070568](#)

Deuteranopia

[4282332205](#)

Trichromacy



Original Color

4279451179

Protanomaly

4281088297

Deuteranomaly

4281284652

Tritanomaly

4279778360

Monochromacy



Original Color

4279451179

Achromatopsia

4281282351

Achromatomaly

4280628270

CSS Examples

Text

The CSS property to change the color of the text to Android 4279451179 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(19, 62, 43)` looks like.

```
.text, #text, p{  
    color:rgb(19, 62, 43)  
}
```

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(19, 62, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 62, 43) }
```

Border

The CSS property to change the border of an element to Android 4279451179 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(19, 62, 43) }
```

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

```
.border{ border-color:rgb(19, 62, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 62, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 62, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 62, 43);  
box-shadow:4px 4px 4px 4px rgb(19, 62, 43)  
}
```

Background

The CSS property to change the background color of an element to Android 4279451179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 62, 43) }
```

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

```
.background{ background-color: rgb(19, 62,  
43) }
```

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