

Converting Colors

Android(4279713329)

Have a look what the booklet for
Android(4279713329) contains.

Android(4279713329)	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(4279713329)

Conversions

Conversions Part 1

Format	Color
Hex	173E31
RGB	23, 62, 49
RGB Percent	9%, 24%, 19%
CMY	0.9098, 0.7569, 0.8078
CMYK	0.63, 0.00, 0.21, 0.76
HSL	160°, 46%, 17%
HSV	160°, 63%, 24%
XYZ	2.6304, 3.8492, 3.5101
YIQ	48.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

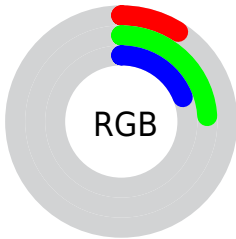
Format	Color
R_{YB}	23, 46, 62
Decimal	1523249
CIE _{Lab}	23.17, -17.58, 3.88
CIE _{LCh}	23, 18.004, 167.569
Yxy	3.8492, 0.2633, 0.3853
Android (android.graphics.Color)	4279713329 (0xFF173E31)
YUV	48.8570, 0.0705, -22.6766
Hunter-Lab	19.6193, -10.4023, 3.1260

Details

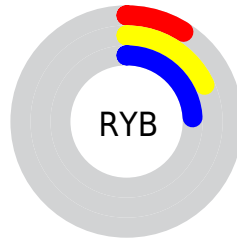
The Android color **4279713329** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282259236**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4282805855**, and **4278194945** is the 20% darker color. If you saturate the color by 10%, you get **4279320111**, and if you desaturate by 10%, it is **4280106547**.

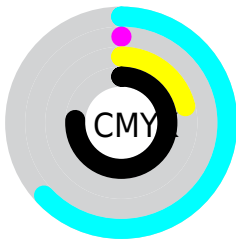
Distribution



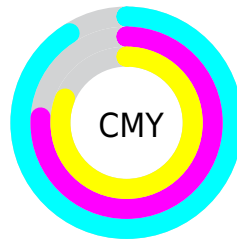
- Red (9%)
- Green (24%)
- Blue (19%)



- Red (9%)
- Yellow (18%)
- Blue (24%)



- Cyan (63%)
- Magenta (0%)
- Yellow (21%)
- Black (76%)



- Cyan (91%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279713329 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 4279713329 by changing the saturation by 10% instead.



4279713329



4279713329

4294967295



4278200348



4282805855



4278194945



4284450680



4278190080



4286096017



4287806892



4289583559



4291425763



4293263359



4279713329



4279713329

■ 4279320111

■ 4280106547

■ 4278926893

■ 4280499765

■ 4278468139

■ 4280958519

■ 4278205993

■ 4281351737

■ 4281744955

■ 4282138173

■ 4282531391

■ 4282990146

■ 4283383364

Harmonies

Analogous

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



4280892453



4279713329



4278271551

Triad

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



4279713329



4281349713



4283314212

Complementary

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



4279713329



4282259236

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.



4283510064



4279713329



4282593609

Square

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



4279713329



4279843409



4283313469



4282725405

Rectangle

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



4279713329



4278206023



4283313469



4283445032

Sweetspot

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



4279713329



4282536524



4280565271



4280232230



4289243304



4280887593

Same Dimension

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



4279713329



4279521853



4279711550



4280033054



4278214207



4278247060

Inverse Universe

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



4282259236



4283569193



4282260759



4280228893



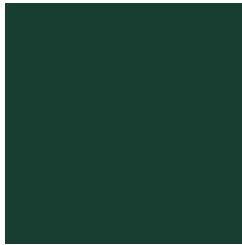
4284350495



4292739146

Previews

White Background



This preview shows how the Android color 4279713329 looks on a white background.

Color Contrast Check

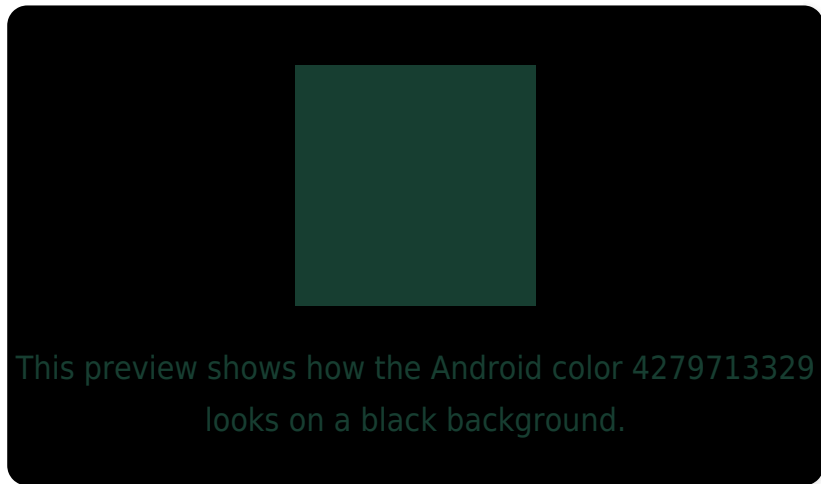
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279713329 Background



This preview shows how black text looks on a background with the Android color 4279713329.



This preview shows how white text looks on a background with the Android color 4279713329.

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
4279713329

Protanopia
4282005294

Deuteranopia
4282266931

Trichromacy



Original Color

4279713329

Protanomaly

4281154095

Deuteranomaly

4281350194

Tritanomaly

4279975227

Monochromacy



Original Color

4279713329

Achromatopsia

4281413937

Achromatomaly

4280825393

CSS Examples

Text

The CSS property to change the color of the text to Android 4279713329 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, 62, 49)` looks like.

```
.text, #text, p{  
    color:rgb(23, 62, 49)  
}
```

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, 62, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 62, 49) }
```

Border

The CSS property to change the border of an element to Android 4279713329 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, 62, 49) }
```

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

```
.border{ border-color:rgb(23, 62, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 62, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 62, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 62, 49);  
box-shadow:4px 4px 4px 4px rgb(23, 62, 49)  
}
```

Background

The CSS property to change the background color of an element to Android 4279713329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 62, 49) }
```

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

```
.background{ background-color: rgb(23, 62,  
49) }
```

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