

Converting Colors

Android(4280239930)

Have a look what the booklet for
Android(4280239930) contains.

Android(4280239930)	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(4280239930)

Conversions

Conversions Part 1

Format	Color
Hex	1F473A
RGB	31, 71, 58
RGB Percent	12%, 28%, 23%
CMY	0.8784, 0.7216, 0.7725
CMYK	0.56, 0.00, 0.18, 0.72
HSL	160°, 39%, 20%
HSV	160°, 56%, 28%
XYZ	3.5820, 5.1033, 4.7992
YIQ	57.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

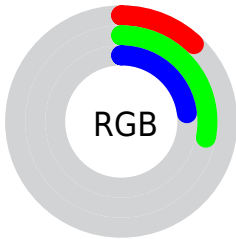
Format	Color
R_{YB}	31, 55, 71
Decimal	2049850
CIE _{Lab}	27.03, -17.83, 3.54
CIE _{LCh}	27, 18.173, 168.779
Yxy	5.1033, 0.2656, 0.3785
Android (android.graphics.Color)	4280239930 (0xFF1F473A)
YUV	57.5580, 0.2179, -23.2914
Hunter-Lab	22.5904, -11.2295, 3.2174

Details

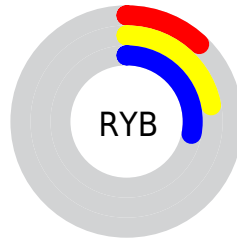
The Android color **4280239930** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282851116**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4283398249**, and **4278197263** is the 20% darker color. If you saturate the color by 10%, you get **4279781176**, and if you desaturate by 10%, it is **4280698684**.

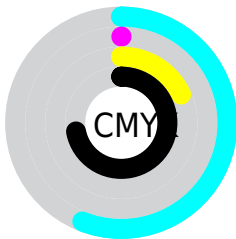
Distribution



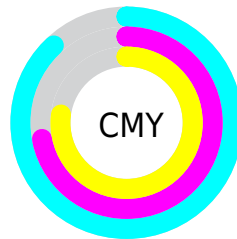
- Red (12%)
- Green (28%)
- Blue (23%)



- Red (12%)
- Yellow (22%)
- Blue (28%)



- Cyan (56%)
- Magenta (0%)
- Yellow (18%)
- Black (72%)



- Cyan (88%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280239930 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 4280239930 by changing the saturation by 10% instead.

 4280239930

 4280239930

4294967295

 4278595620

 4283398249

 4278197263

 4285043330

 4278190080

 4286688412

 4288465079

 4290241747

 4292083695

 4293918719

 4280239930

 4280239930

■ 4279781176

■ 4280698684

■ 4279322421

■ 4281157439

■ 4278863667

■ 4281616193

■ 4278404913

■ 4282074947

■ 4278208304

■ 4282599238

■ 4283057992

■ 4283516746

■ 4283975500

■ 4284434255

Harmonies

Analogous

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



4281419053



4280239930



4279060296

Triad

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



4280239930



4282007130



4283906348

Complementary

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



4280239930



4282851116

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.



4284167480



4280239930



4283185490

Square

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



4280239930



4280501083



4283971142



4283317541

Rectangle

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



4280239930



4278863697



4283971142



4284036911

Sweetspot

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



4280239930



4283194455



4281091871



4280626731



4289572269



4281216558

Same Dimension

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



4280239930



4280114248



4280238151



4280296483



4278215491



4278248345

Inverse Universe

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



4282851116



4284226866



4282852895



4280557601



4284678176



4293066826

Previews

White Background



This preview shows how the Android color 4280239930 looks on a white background.

Color Contrast Check

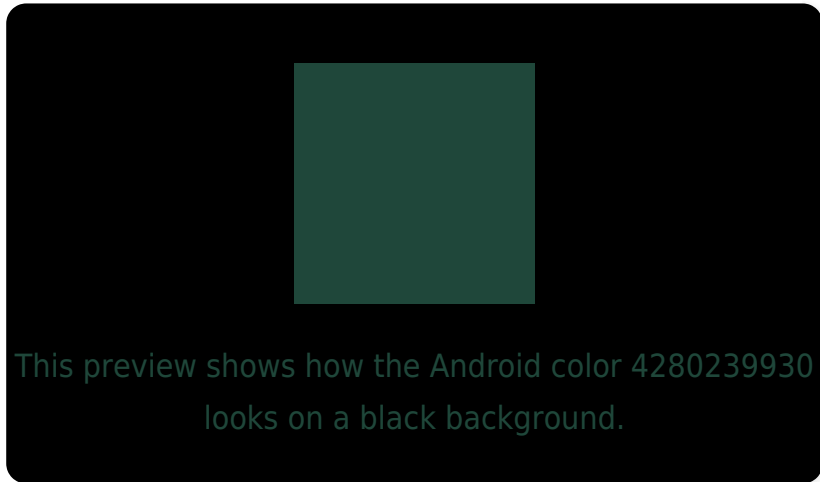
Large Text (above 18pt) WCAG AA ✓ Pass

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

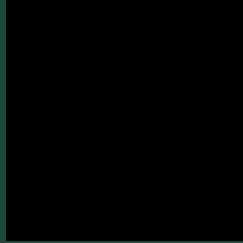
Any Text WCAG AA × Fail

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 4280239930 Background



This preview shows how black text looks on a background with the Android color 4280239930.



This preview shows how white text looks on a background with the Android color 4280239930.

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

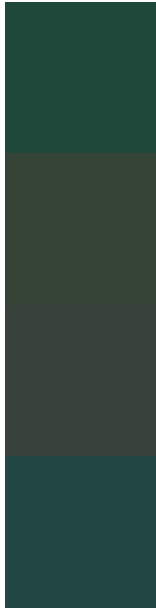


Original Color
4280239930

Protanopia
4282597430

Deuteranopia
4282859068

Trichromacy



Original Color
4280239930

Protanomaly
4281746231

Deuteranomaly
4281876795

Tritanomaly
4280436292

Monochromacy



Original Color
4280239930

Achromatopsia
4282006074

Achromatomaly
4281351994

CSS Examples

Text

The CSS property to change the color of the text to Android 4280239930 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(31, 71, 58)` looks like.

```
.text, #text, p{  
    color:rgb(31, 71, 58)  
}
```

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(31, 71, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 71, 58) }
```

Border

The CSS property to change the border of an element to Android 4280239930 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(31, 71, 58) }
```

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

```
.border{ border-color:rgb(31, 71, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 71, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 71, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 71, 58);  
box-shadow:4px 4px 4px 4px rgb(31, 71, 58)  
}
```

Background

The CSS property to change the background color of an element to Android 4280239930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 71, 58) }
```

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

```
.background{ background-color: rgb(31, 71,  
58) }
```

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