

Converting Colors

Android(4280239678)

Have a look what the booklet for
Android(4280239678) contains.

Android(4280239678)	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(4280239678)

Conversions

Conversions Part 1

Format	Color
Hex	1F463E
RGB	31, 70, 62
RGB Percent	12%, 27%, 24%
CMY	0.8784, 0.7255, 0.7569
CMYK	0.56, 0.00, 0.11, 0.73
HSL	168°, 39%, 20%
HSV	168°, 56%, 27%
XYZ	3.6247, 5.0194, 5.3352
YIQ	57.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

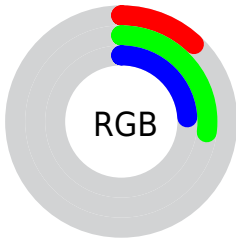
Format	Color
R_{YB}	31, 53, 70
Decimal	2049598
CIE _{Lab}	26.79, -16.14, 0.59
CIE _{LCh}	27, 16.151, 177.907
Yxy	5.0194, 0.2593, 0.3591
Android (android.graphics.Color)	4280239678 (0xFF1F463E)
YUV	57.4270, 2.2545, -23.1765
Hunter-Lab	22.4041, -10.3278, 1.5637

Details

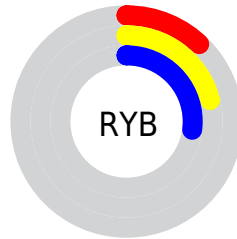
The Android color **4280239678** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282785575**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283397997**, and **4278197268** is the 20% darker color. If you saturate the color by 10%, you get **4279780925**, and if you desaturate by 10%, it is **4280698431**.

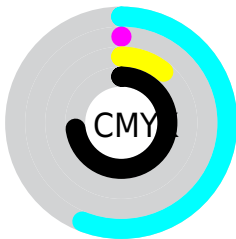
Distribution



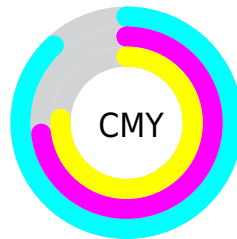
- Red (12%)
- Green (27%)
- Blue (24%)



- Red (12%)
- Yellow (21%)
- Blue (27%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (73%)



- Cyan (88%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280239678 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 4280239678 by changing the saturation by 10% instead.

■ 4280239678

■ 4280239678

4294967295

■ 4278595368

■ 4283397997

■ 4278197268

■ 4285042823

■ 4278190080

■ 4286688161

■ 4288464572

■ 4290241240

■ 4292083700

■ 4293984255

■ 4280239678

■ 4280239678

■ 4279780925

■ 4280698431

■ 4279322171

■ 4281157185

■ 4278863418

■ 4281615938

■ 4278404664

■ 4282074692

■ 4278208056

■ 4282533445

■ 4282992199

■ 4283450952

■ 4283909705

■ 4284368459

Harmonies

Analogous

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



4281156914



4280239678



4279584330

Triad

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



4280239678



4282399829



4283578923

Complementary

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



4280239678



4282785575

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.



4283971380



4280239678



4283316301

Square

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



4280239678



4281155928



4283840065



4282990119

Rectangle

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



4280239678



4279780689



4283840065



4283775278

Sweetspot

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



4280239678



4283194457



4280763935



4280626732



4289572269



4281216558

Same Dimension

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



4280239678



4280179791



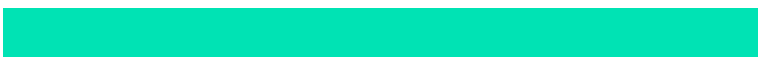
4280236870



4280296483



4278215503



4278248372

Inverse Universe

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



4282785575



4284227115



4282788383



4280557601



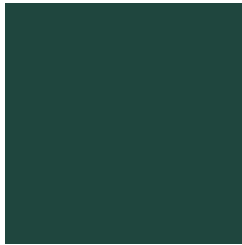
4284678164



4293066799

Previews

White Background



This preview shows how the Android color 4280239678 looks on a white background.

Color Contrast Check

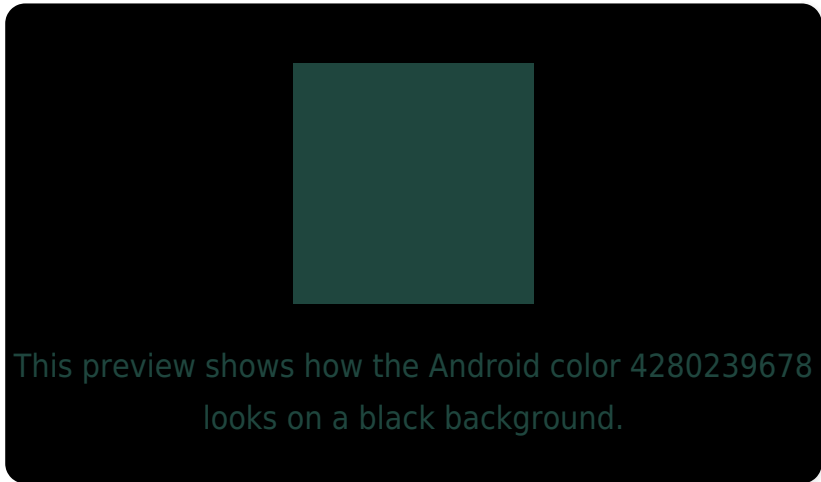
Large Text (above 18pt) WCAG AA ✓ Pass

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

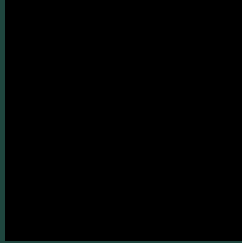
Any Text WCAG AA × Fail

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 4280239678 Background



This preview shows how black text looks on a background with the Android color 4280239678.



This preview shows how white text looks on a background with the Android color 4280239678.

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

4280239678

Protanopia

4282466106

Deuteranopia

4282727744

Trichromacy



Original Color
4280239678

Protanomaly
4281680443

Deuteranomaly
4281811007

Tritanomaly
4280436038

Monochromacy



Original Color
4280239678

Achromatopsia
4281940281

Achromatomaly
4281351739

CSS Examples

Text

The CSS property to change the color of the text to Android 4280239678 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, 70, 62)` looks like.

```
.text, #text, p{  
    color:rgb(31, 70, 62)  
}
```

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, 70, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 70, 62) }
```

Border

The CSS property to change the border of an element to Android 4280239678 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, 70, 62) }
```

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

```
.border{ border-color:rgb(31, 70, 62) }
```

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

Here you see how a box with a 4 pixel rgb(31, 70, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 70, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 70, 62);  
box-shadow:4px 4px 4px 4px rgb(31, 70, 62)  
}
```

Background

The CSS property to change the background color of an element to Android 4280239678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 70, 62) }
```

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

```
.background{ background-color: rgb(31, 70,  
62) }
```

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