

Converting Colors

Android(4280172100)

Have a look what the booklet for
Android(4280172100) contains.

Android(4280172100)	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(4280172100)

Conversions

Conversions Part 1

Format	Color
Hex	1E3E44
RGB	30, 62, 68
RGB Percent	12%, 24%, 27%
CMY	0.8824, 0.7569, 0.7333
CMYK	0.56, 0.09, 0.00, 0.73
HSL	189°, 39%, 19%
HSV	189°, 56%, 27%
XYZ	3.3014, 4.1386, 6.0937
YIQ	53.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

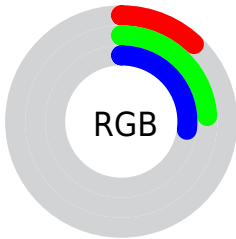
Format	Color
R_{YB}	30, 47, 68
Decimal	1982020
CIE _{Lab}	24.12, -9.81, -7.32
CIE _{LCh}	24, 12.242, 216.730
Yxy	4.1386, 0.2439, 0.3058
Android (android.graphics.Color)	4280172100 (0xFF1E3E44)
YUV	53.1160, 7.3378, -20.2727
Hunter-Lab	20.3436, -6.6337, -3.5190




Details

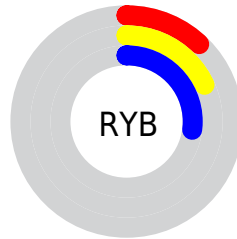
The Android color **4280172100** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282655774**, and the grayscale version is **4281677109**.




A 20% lighter version of the original color is **4283264628**, and **4278195225** is the 20% darker color. If you saturate the color by 10%, you get **4279713092**, and if you desaturate by 10%, it is **4280631108**.

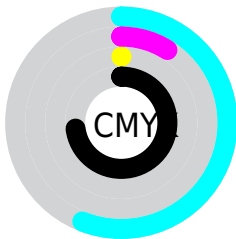
Distribution







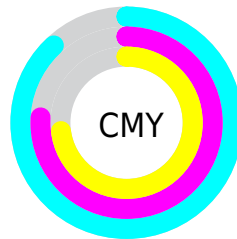
-  Red (12%)
-  Green (24%)
-  Blue (27%)






-  Red (12%)
-  Yellow (18%)
-  Blue (27%)



-  Cyan (56%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4280172100 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 4280172100 by changing the saturation by 10% instead.

■ 4280172100

■ 4280172100

4294967295

■ 4278528046

■ 4283264628

■ 4278195225

■ 4284909454

■ 4278190080

■ 4286620072

■ 4288330947

■ 4290107615

■ 4291949820

■ 4293853183

■ 4280172100

■ 4280172100

■ 4279713092

■ 4280631108

■ 4279254084

■ 4281090116

■ 4278860612

■ 4281483588

■ 4278401604

■ 4281942596

■ 4278204740

■ 4282401604

■ 4282860612

■ 4283319876

■ 4283713348

■ 4284172356

Harmonies

Analogous

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



4280368955



4280172100



4280630346

Triad

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



4280172100



4282856513



4282267943

Complementary

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



4280172100



4282655774

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.



4282791465



4280172100



4283183928

Square

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



4280172100



4282201672



4283118639



4281613354

Rectangle

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



4280172100



4281154380



4283118639



4282464295

Sweetspot

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



4280172100



4283062105



4280173604



4280626222



4289572269



4281216558

Same Dimension

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



4280172100



4280111193



4280167236



4280164641



4278211169



4278238688

Inverse Universe

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



4282654270



4284030288



4282660638



4280360481



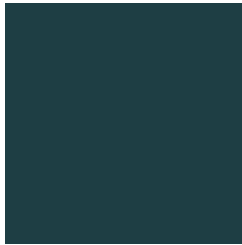
4284547154



4292870333

Previews

White Background



This preview shows how the Android color 4280172100 looks on a white background.

Color Contrast Check

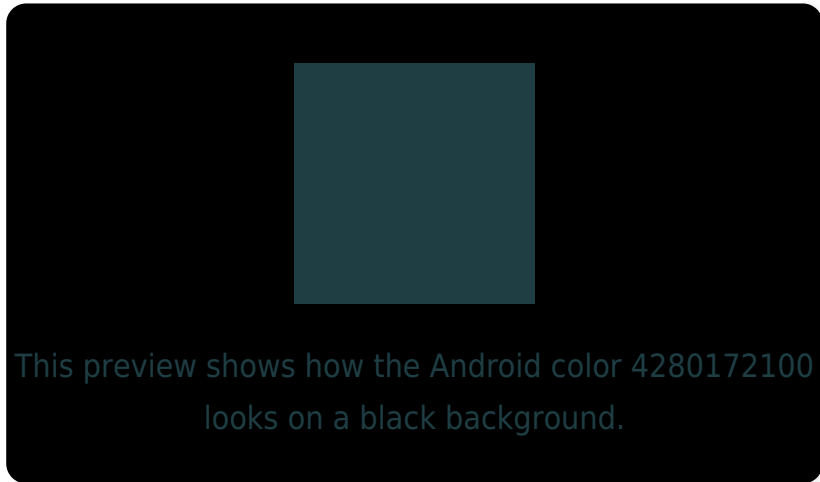
Large Text (above 18pt) WCAG AA ✓ Pass

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

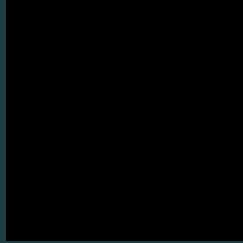
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

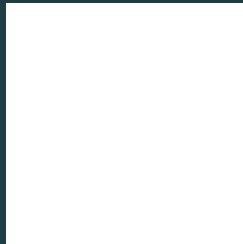
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280172100 Background



This preview shows how black text looks on a background with the Android color 4280172100.



This preview shows how white text looks on a background with the Android color 4280172100.

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

4280172100

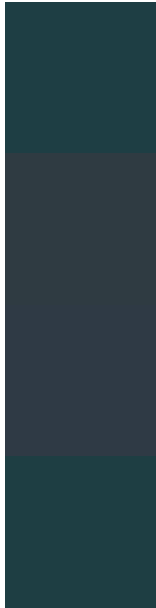
Protanopia

4281874753

Deuteranopia

4281940037

Trichromacy



Original Color

4280172100

Protanomaly

4281285442

Deuteranomaly

4281285189

Tritanomaly

4280172099

Monochromacy



Original Color

4280172100

Achromatopsia

4281677109

Achromatomaly

4281153594

CSS Examples

Text

The CSS property to change the color of the text to Android 4280172100 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(30, 62, 68)` looks like.

```
.text, #text, p{  
    color:rgb(30, 62, 68)  
}
```

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(30, 62, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 62, 68) }
```

Border

The CSS property to change the border of an element to Android 4280172100 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(30, 62, 68) }
```

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

```
.border{ border-color:rgb(30, 62, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 62, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 62, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 62, 68);  
box-shadow:4px 4px 4px 4px rgb(30, 62, 68)  
}
```

Background

The CSS property to change the background color of an element to Android 4280172100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 62, 68) }
```

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

```
.background{ background-color: rgb(30, 62,  
68) }
```

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