

Converting Colors

Android(4281551440)

Have a look what the booklet for
Android(4281551440) contains.

Android(4281551440)	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(4281551440)

Conversions

Conversions Part 1

Format	Color
Hex	334A50
RGB	51, 74, 80
RGB Percent	20%, 29%, 31%
CMY	0.8000, 0.7098, 0.6863
CMYK	0.36, 0.07, 0.00, 0.69
HSL	192°, 22%, 26%
HSV	192°, 36%, 31%
XYZ	5.2620, 6.1806, 8.5050
YIQ	67.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

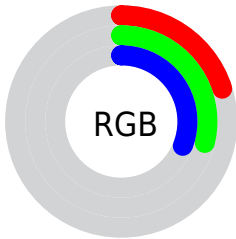
Format	Color
R_{YB}	51, 64, 80
Decimal	3361360
CIE Lab	29.86, -7.12, -6.42
CIE LCh	30, 9.589, 222.022
Yxy	6.1806, 0.2638, 0.3098
Android (android.graphics.Color)	4281551440 (0xFF334A50)
YUV	67.8070, 6.0111, -14.7397
Hunter-Lab	24.8607, -5.7252, -2.8811

Details

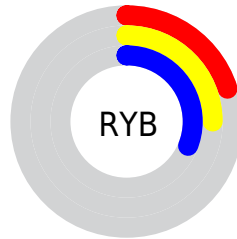
The Android color **4281551440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283447603**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4284709761**, and **4278591012** is the 20% darker color. If you saturate the color by 10%, you get **4281026640**, and if you desaturate by 10%, it is **4282076240**.

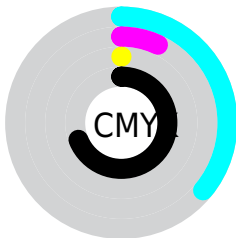
Distribution



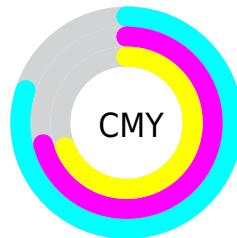
- Red (20%)
- Green (29%)
- Blue (31%)



- Red (20%)
- Yellow (25%)
- Blue (31%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281551440 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 4281551440 by changing the saturation by 10% instead.



4281551440



4281551440

4294967295



4280103737



4284709761



4278591012



4286354587



4278190350



4288065462



4278190080



4289842130



4291618798



4293525503



4281551440



4281551440



4281026640



4282076240

■ 4280502096

■ 4282600784

■ 4279977296

■ 4283125584

■ 4279452496

■ 4283650384

■ 4278927952

■ 4284174928

■ 4278403152

■ 4284699728

■ 4278206288

■ 4285224528

■ 4285749072

■ 4286273872

Harmonies

Analogous

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



4281551689



4281551440



4281944148

Triad

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



4281551440



4283646539



4282992440

Complementary

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



4281551440



4283447603

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.



4283450424



4281551440



4283842884

Square

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



4281551440



4283122513



4283777597



4282468667

Rectangle

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



4281551440



4282337109



4283777597



4283188792

Sweetspot

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



4281551440



4284311145



4281552953



4281283638



4290098613



4281742902

Same Dimension

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



4281551440



4282081129



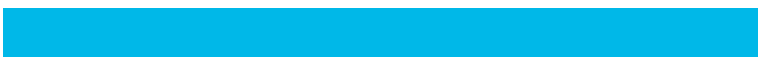
4281547856



4280625193



4278211433



4278237416

Inverse Universe

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



4283446090



4285086559



4283451187



4280886568



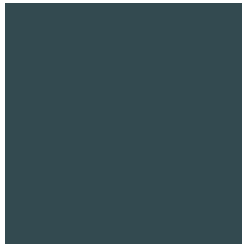
4285071443



4293394616

Previews

White Background



This preview shows how the Android color 4281551440 looks on a white background.

Color Contrast Check

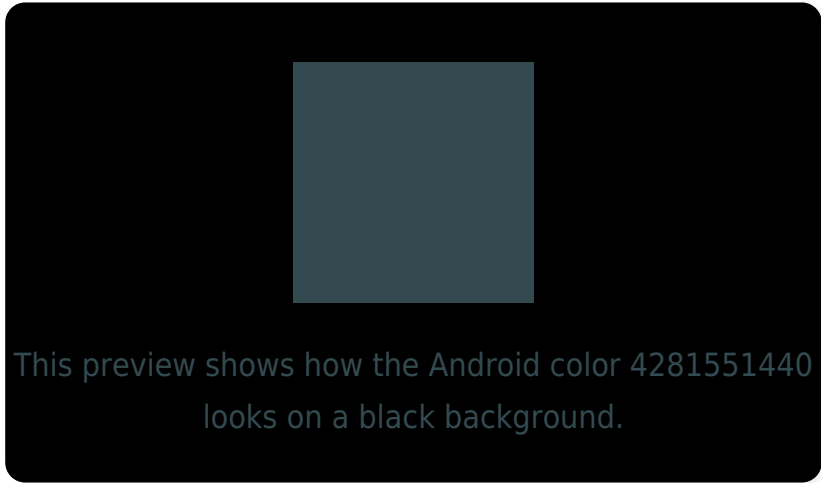
Large Text (above 18pt) WCAG AA ✓ Pass

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

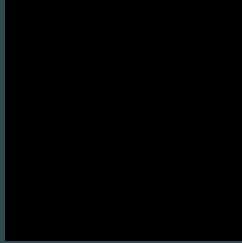
Any Text WCAG AA × Fail

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 4281551440 Background



This preview shows how black text looks on a background with the Android color 4281551440.



This preview shows how white text looks on a background with the Android color 4281551440.

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

4281551440

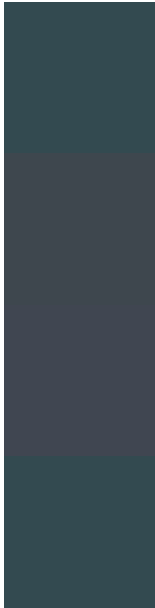
Protanopia

4282730061

Deuteranopia

4282926161

Trichromacy



Original Color

4281551440

Protanomaly

4282271566

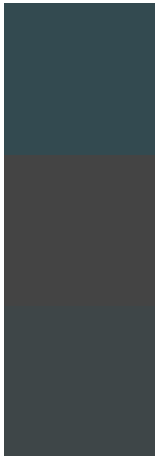
Deuteranomaly

4282402385

Tritanomaly

4281551440

Monochromacy



Original Color

4281551440

Achromatopsia

4282664004

Achromatomaly

4282271304

CSS Examples

Text

The CSS property to change the color of the text to Android 4281551440 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(51, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(51, 74, 80)  
}
```

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(51, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 74, 80) }
```

Border

The CSS property to change the border of an element to Android 4281551440 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(51, 74, 80) }
```

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

```
.border{ border-color:rgb(51, 74, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 74, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(51, 74, 80)  
}
```

Background

The CSS property to change the background color of an element to Android 4281551440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 74, 80) }
```

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

```
.background{ background-color: rgb(51, 74,  
80) }
```

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