

Converting Colors

Android(4281558631)

Have a look what the booklet for
Android(4281558631) contains.

Android(4281558631)	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(4281558631)

Conversions

Conversions Part 1

Format	Color
Hex	336667
RGB	51, 102, 103
RGB Percent	20%, 40%, 40%
CMY	0.8000, 0.6000, 0.5961
CMYK	0.50, 0.01, 0.00, 0.60
HSL	181°, 34%, 30%
HSV	181°, 50%, 40%
XYZ	8.5648, 11.1858, 14.5396
YIQ	86.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

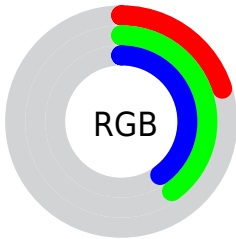
Format	Color
RYB	51, 77, 103
Decimal	3368551
CIELab	39.89, -16.75, -5.86
CIELCh	40, 17.746, 199.285
Yxy	11.1858, 0.2498, 0.3262
Android (android.graphics.Color)	4281558631 (0xFF336667)
YUV	86.8650, 7.9546, -31.4536
Hunter-Lab	33.4452, -12.8181, -2.3635

Details

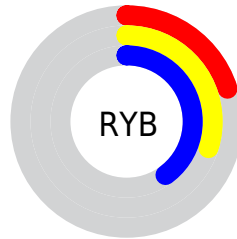
The Android color `4281558631` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284953651`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284914074`, and `4278204216` is the 20% darker color. If you saturate the color by 10%, you get `4280903271`, and if you desaturate by 10%, it is `4282213991`.

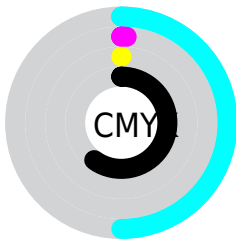
Distribution



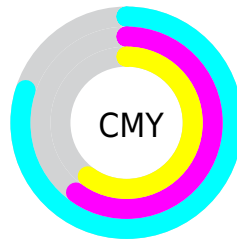
- Red (20%)
- Green (40%)
- Blue (40%)



- Red (20%)
- Yellow (30%)
- Blue (40%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281558631 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 4281558631 by changing the saturation by 10% instead.



4281558631



4281558631

4294967295



4279782991



4284914074



4278204216



4286624949



4278198563



4288401616



4278190349



4290243821



4278190080



4292083711



4293918719



4281558631



4281558631



4280903271



4282213991

■ 4280182375

■ 4282934887

■ 4279526759

■ 4283590503

■ 4278871399

■ 4284245863

■ 4278216039

■ 4284966759

■ 4285622119

■ 4286277479

■ 4286933095

■ 4287653991

Harmonies

Analogous

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



4282279512



4281558631



4281689203

Triad

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



4281558631



4285224817



4285356866

Complementary

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



4281558631



4284953651

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.



4286011209



4281558631



4286010468

Square

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



4281558631



4284046457



4286272597



4284440642

Rectangle

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



4281558631



4282278521



4286272597



4285618755

Sweetspot

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



4281558631



4285761415



4281558836



4281877829



4291085508



4282729797

Same Dimension

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



4281558631



4281697927



4281551975



4281217843



4278219123



4278251250

Inverse Universe

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



4284953446



4287051142



4284960307



4281544243



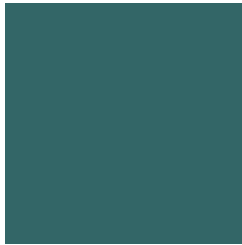
4285726833



4294050030

Previews

White Background



This preview shows how the Android color 4281558631 looks on a white background.

Color Contrast Check

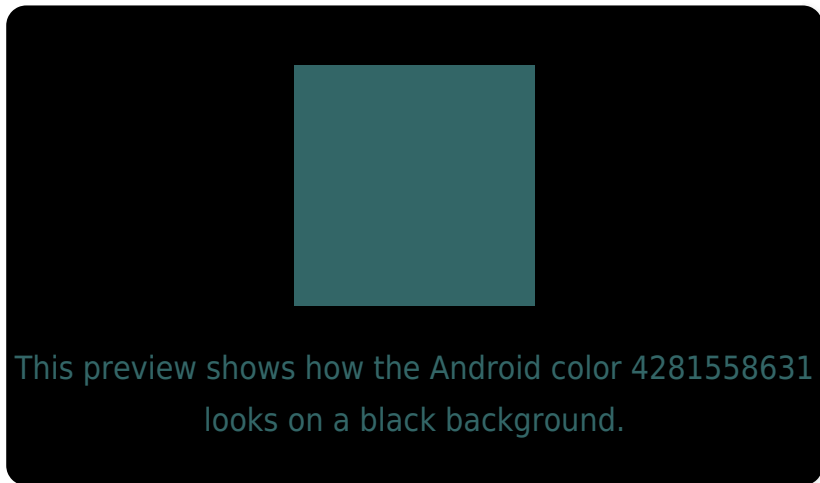
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

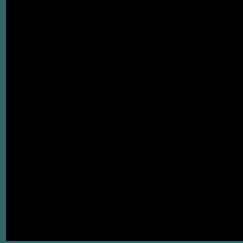
Any Text WCAG AA × Fail

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 4281558631 Background



This preview shows how black text looks on a background with the Android color 4281558631.

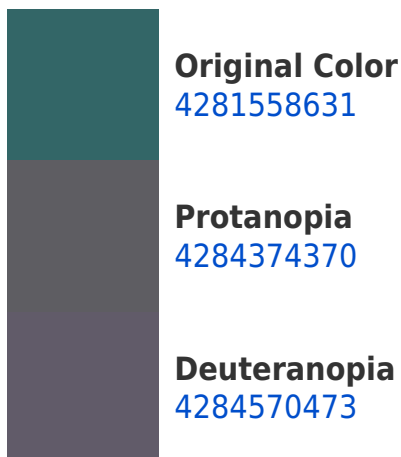


This preview shows how white text looks on a background with the Android color 4281558631.

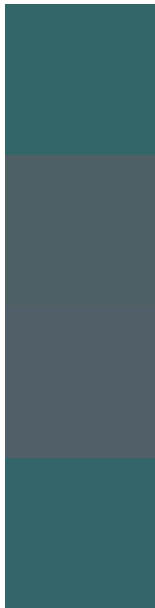
Color Blindness Simulation

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



Trichromacy



Original Color
4281558631

Protanomaly
4283326564

Deuteranomaly
4283457384

Tritanomaly
4281623915

Monochromacy



Original Color
4281558631

Achromatopsia
4283914071

Achromatomaly
4283063389

CSS Examples

Text

The CSS property to change the color of the text to Android 4281558631 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, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 103)  
}
```

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, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 103) }
```

Border

The CSS property to change the border of an element to Android 4281558631 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, 102, 103) }
```

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

```
.border{ border-color:rgb(51, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
103) }
```

Background

The CSS property to change the background color of an element to Android 4281558631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 103) }
```

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

```
.background{ background-color: rgb(51, 102,  
103) }
```

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