

Converting Colors

Android(4280958545)

Have a look what the booklet for
Android(4280958545) contains.

Android(4280958545)	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(4280958545)

Conversions

Conversions Part 1

Format	Color
Hex	2A3E51
RGB	42, 62, 81
RGB Percent	16%, 24%, 32%
CMY	0.8353, 0.7569, 0.6824
CMYK	0.48, 0.23, 0.00, 0.68
HSL	209°, 32%, 24%
HSV	209°, 48%, 32%
XYZ	4.1627, 4.5316, 8.4399
YIQ	58.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

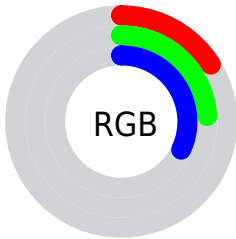
Format	Color
R_{YB}	42, 55, 81
Decimal	2768465
CIE _{Lab}	25.36, -2.02, -13.97
CIE _{LCh}	25, 14.116, 261.791
Yxy	4.5316, 0.2429, 0.2645
Android (android.graphics.Color)	4280958545 (0xFF2A3E51)
YUV	58.1860, 11.2473, -14.1951
Hunter-Lab	21.2875, -2.3482, -8.6055

Details

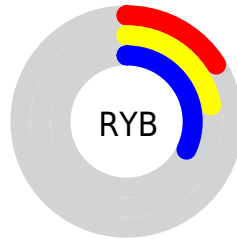
The Android color **4280958545** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283514154**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4284116354**, and **4278195236** is the 20% darker color. If you saturate the color by 10%, you get **4280433233**, and if you desaturate by 10%, it is **4281483857**.

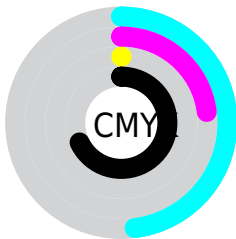
Distribution



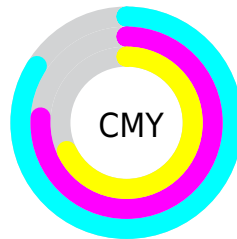
- Red (16%)
- Green (24%)
- Blue (32%)



- Red (16%)
- Yellow (22%)
- Blue (32%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (68%)



- Cyan (84%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280958545 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 4280958545 by changing the saturation by 10% instead.

■ 4280958545

■ 4280958545

4294967295

■ 4279445562

■ 4284116354

■ 4278195236

■ 4285761436

■ 4278190350

■ 4287472055

■ 4278190080

■ 4289182931

■ 4291025135

■ 4292867327

■ 4294770687

■ 4280958545

■ 4280958545

■ 4280433233

■ 4281483857

■ 4279907921

■ 4282009169

■ 4279382609

■ 4282534481

■ 4278857297

■ 4283059793

■ 4278266449

■ 4283650641

■ 4278200913

■ 4284175953

■ 4284701265

■ 4285226577

■ 4285751889

Harmonies

Analogous

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



4280107341



4280958545



4282006096

Triad

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



4280958545



4283577653



4281286703

Complementary

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



4280958545



4283514154

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.



4282138152



4280958545



4283316012

Square

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



4280958545



4283380799



4282792487



4280500793

Rectangle

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



4280958545



4282595404



4282792487



4281614380

Sweetspot

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



4280958545



4284113257



4280963389



4281086262



4290098613



4281742902

Same Dimension

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



4280958545



4281092969



4280953681



4280624937



4278204009



4278220776

Inverse Universe

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



4283509310



4285082699



4283519018



4280886567



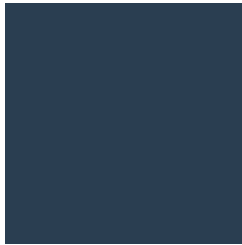
4285071414



4293394551

Previews

White Background



This preview shows how the Android color 4280958545 looks on a white background.

Color Contrast Check

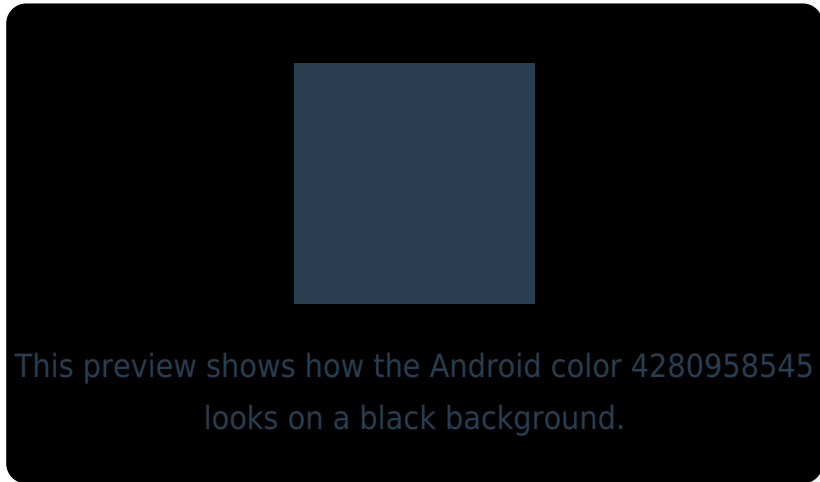
Large Text (above 18pt) WCAG AA ✓ Pass

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

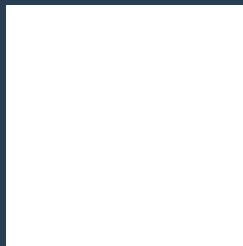
Any Text WCAG AAA × Fail

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

Android 4280958545 Background



This preview shows how black text looks on a background with the Android color 4280958545.



This preview shows how white text looks on a background with the Android color 4280958545.

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

4280958545

Protanopia

4281809743

Deuteranopia

4281744210

Trichromacy



Original Color

4280958545

Protanomaly

4281482320

Deuteranomaly

4281482322

Tritanomaly

4280762185

Monochromacy



Original Color

4280958545

Achromatopsia

4282006074

Achromatomaly

4281613122

CSS Examples

Text

The CSS property to change the color of the text to Android 4280958545 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(42, 62, 81)` looks like.

```
.text, #text, p{  
    color:rgb(42, 62, 81)  
}
```

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(42, 62, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 62, 81) }
```

Border

The CSS property to change the border of an element to Android 4280958545 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(42, 62, 81) }
```

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

```
.border{ border-color:rgb(42, 62, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 62, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 62, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 62, 81);  
box-shadow:4px 4px 4px 4px rgb(42, 62, 81)  
}
```

Background

The CSS property to change the background color of an element to Android 4280958545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 62, 81) }
```

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

```
.background{ background-color: rgb(42, 62,  
81) }
```

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