

Converting Colors

Android(4281678174)

Have a look what the booklet for
Android(4281678174) contains.

Android(4281678174)	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(4281678174)

Conversions

Conversions Part 1

Format	Color
Hex	35395E
RGB	53, 57, 94
RGB Percent	21%, 22%, 37%
CMY	0.7922, 0.7765, 0.6314
CMYK	0.44, 0.39, 0.00, 0.63
HSL	234°, 28%, 29%
HSV	234°, 44%, 37%
XYZ	4.9517, 4.4913, 11.1956
YIQ	60.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

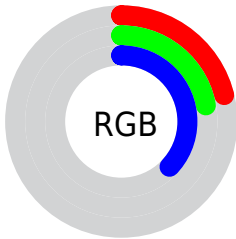
Format	Color
R_{YB}	53, 57, 94
Decimal	3488094
CIE _{Lab}	25.23, 9.01, -22.61
CIE _{LCh}	25, 24.335, 291.736
Yxy	4.4913, 0.2399, 0.2176
Android (android.graphics.Color)	4281678174 (0xFF35395E)
YUV	60.0220, 16.7512, -6.1583
Hunter-Lab	21.1927, 4.6197, -16.4867

Details

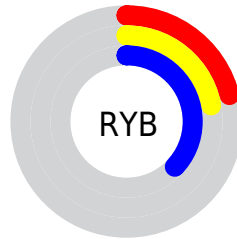
The Android color **4281678174** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284373557**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4284901521**, and **4278652464** is the 20% darker color. If you saturate the color by 10%, you get **4281086302**, and if you desaturate by 10%, it is **4282270046**.

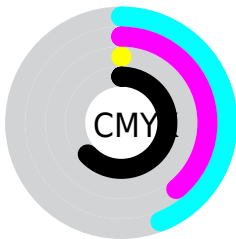
Distribution



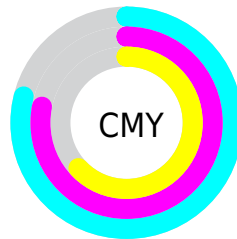
- Red (21%)
- Green (22%)
- Blue (37%)



- Red (21%)
- Yellow (22%)
- Blue (37%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (63%)



- Cyan (79%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281678174 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 4281678174 by changing the saturation by 10% instead.

■ 4281678174

■ 4281678174

4294967295

■ 4280165446

■ 4284901521

■ 4278652464

■ 4286546347

■ 4278190362

■ 4288322503

■ 4278190080

■ 4290098915

■ 4291940863

■ 4293783295

■ 4281678174

■ 4281678174

■ 4281086302

■ 4282270046

■ 4280428638

■ 4282927710

■ 4279836766

■ 4283519582

■ 4279179102

■ 4284177246

■ 4278587230

■ 4284769118

■ 4278192478

■ 4285361246

■ 4286018654

■ 4286610782

■ 4287268190

Harmonies

Analogous

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



4278796128



4281678174



4283314771

Triad

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



4281678174



4283970080



4278207798

Complementary

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



4281678174



4284373557

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.



4280566564



4281678174



4283119895

Square

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



4281678174



4284362031



4281941784



4278207817

Rectangle

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



4281678174



4283969096



4281941784



4279190576

Sweetspot

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



4281678174



4285164666



4281687642



4281545789



4290624957



4282203453

Same Dimension

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



4281678174



4282073466



4282725726



4280887854



4278193006



4278196205

Inverse Universe

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



4284364089



4286200641



4283326005



4281215274



4285399051



4293722135

Previews

White Background



This preview shows how the Android color 4281678174 looks on a white background.

Color Contrast Check

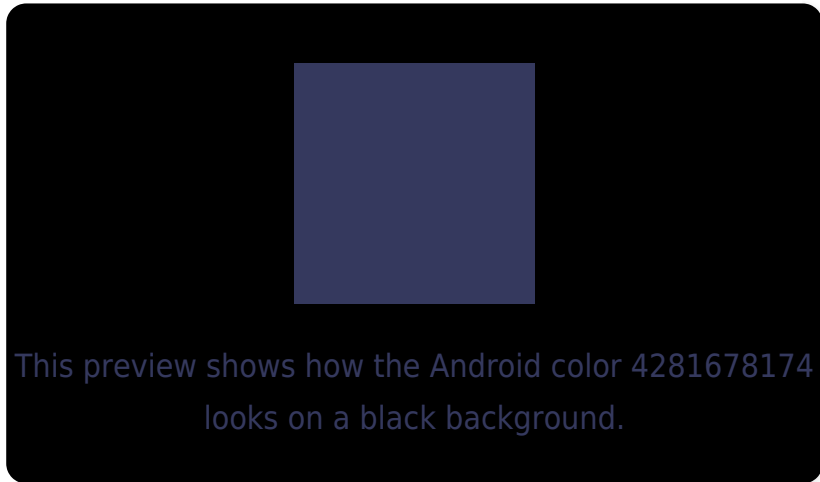
Large Text (above 18pt) WCAG AA ✓ Pass

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

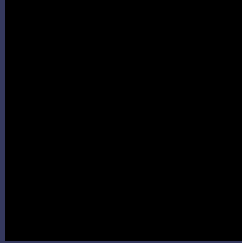
Any Text WCAG AA × Fail

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 4281678174 Background



This preview shows how black text looks on a background with the Android color 4281678174.

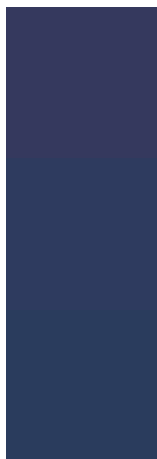


This preview shows how white text looks on a background with the Android color 4281678174.

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

4281678174

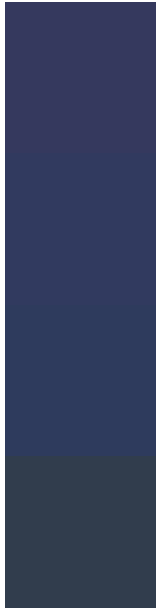
Protanopia

4281219935

Deuteranopia

4280958045

Trichromacy



Original Color

4281678174

Protanomaly

4281416287

Deuteranomaly

4281219933

Tritanomaly

4281417037

Monochromacy



Original Color

4281678174

Achromatopsia

4282137660

Achromatomaly

4281940808

CSS Examples

Text

The CSS property to change the color of the text to Android 4281678174 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(53, 57, 94)` looks like.

```
.text, #text, p{  
    color:rgb(53, 57, 94)  
}
```

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(53, 57, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 57, 94) }
```

Border

The CSS property to change the border of an element to Android 4281678174 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(53, 57, 94) }
```

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

```
.border{ border-color:rgb(53, 57, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 57, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 57, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 57, 94);  
box-shadow:4px 4px 4px 4px rgb(53, 57, 94)  
}
```

Background

The CSS property to change the background color of an element to Android 4281678174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 57, 94) }
```

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

```
.background{ background-color: rgb(53, 57,  
94) }
```

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