

Converting Colors

Android(4280888678)

Have a look what the booklet for
Android(4280888678) contains.

Android(4280888678)	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(4280888678)

Conversions

Conversions Part 1

Format	Color
Hex	292D66
RGB	41, 45, 102
RGB Percent	16%, 18%, 40%
CMY	0.8392, 0.8235, 0.6000
CMYK	0.60, 0.56, 0.00, 0.60
HSL	236°, 43%, 28%
HSV	236°, 60%, 40%
XYZ	4.2511, 3.3075, 12.9847
YIQ	50.3020, -20.6810, 16.8790

Conversions

Conversions Part 2

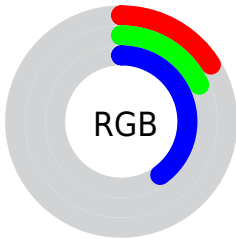
Format	Color
R_{YB}	41, 45, 102
Decimal	2698598
CIE _{Lab}	21.24, 16.99, -34.24
CIE _{LCh}	21, 38.225, 296.382
Yxy	3.3075, 0.2069, 0.1610
Android (android.graphics.Color)	4280888678 (0xFF292D66)
YUV	50.3020, 25.4871, -8.1579
Hunter-Lab	18.1865, 9.8980, -29.6010




Details

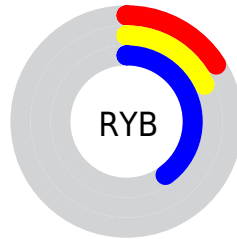
The Android color **4280888678** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284899881**, and the grayscale version is **4281479730**.




A 20% lighter version of the original color is **4284242842**, and **4278190135** is the 20% darker color. If you saturate the color by 10%, you get **4280230758**, and if you desaturate by 10%, it is **4281546598**.

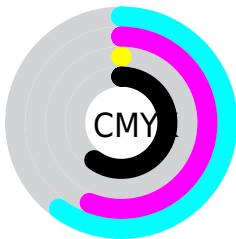
Distribution







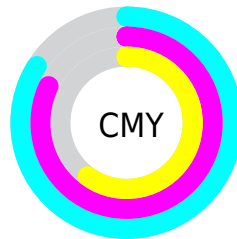
-  Red (16%)
-  Green (18%)
-  Blue (40%)






-  Red (16%)
-  Yellow (18%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (82%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280888678 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 4280888678 by changing the saturation by 10% instead.

■ 4280888678

■ 4280888678

4294967295

■ 4278982990

■ 4284242842

■ 4278190135

■ 4285952949

■ 4278190624

■ 4287729104

■ 4278190085

■ 4289505261

■ 4278190080

■ 4291347199

■ 4293254911

■ 4294966271

■ 4280888678

■ 4280888678

■ 4280230758

■ 4281546598

■ 4279573094

■ 4282204262

■ 4278849638

■ 4282927718

■ 4278191974

■ 4283585382

■ 4284243302

■ 4284900966

■ 4285558886

■ 4286282086

■ 4286940006

Harmonies

Analogous

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



4278204524



4280888678



4283506259

Triad

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



4280888678



4283900928



4278206255

Complementary

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



4280888678



4284899881

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.



4278205713



4280888678



4282593536

Square

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



4280888678



4284683804



4280826112



4278206283

Rectangle

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



4280888678



4284355905



4280826112



4278206245

Sweetspot

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



4280888678



4285361797



4280903266



4281611586



4290953922



4282532418

Same Dimension

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



4280888678



4280626053



4282591590



4281216563



4278192243



4278194418

Inverse Universe

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



4284885293



4286915883



4283196969



4281544238



4285726728



4294049808

Previews

White Background



This preview shows how the Android color 4280888678 looks on a white background.

Color Contrast Check

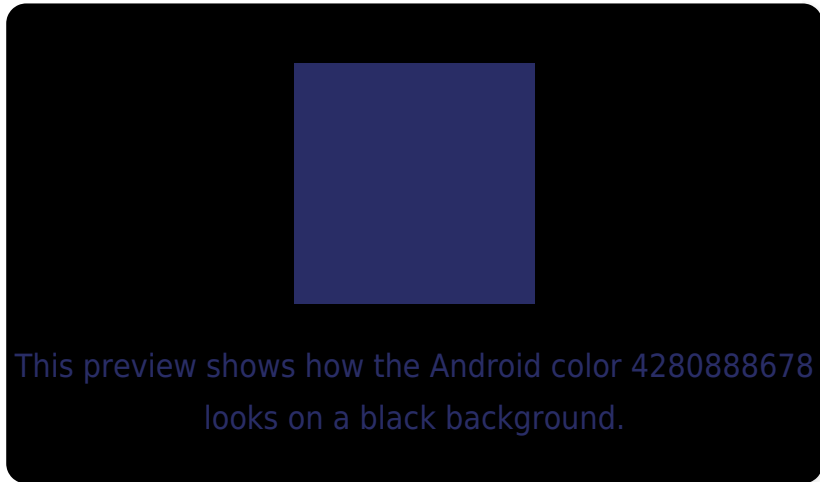
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280888678 Background



This preview shows how black text looks on a background with the Android color 4280888678.



This preview shows how white text looks on a background with the Android color 4280888678.

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

4280888678

Protanopia

4278202729

Deuteranopia

4278203483

Trichromacy



Original Color
4280888678

Protanomaly
4279185512

Deuteranomaly
4279185759

Tritanomaly
4280104011

Monochromacy



Original Color
4280888678

Achromatopsia
4281479730

Achromatomaly
4281282629

CSS Examples

Text

The CSS property to change the color of the text to Android 4280888678 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(41, 45, 102)` looks like.

```
.text, #text, p{  
    color:rgb(41, 45, 102)  
}
```

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(41, 45, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 45, 102) }
```

Border

The CSS property to change the border of an element to Android 4280888678 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(41, 45, 102) }
```

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

```
.border{ border-color:rgb(41, 45, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 45, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 45, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 45, 102);  
box-shadow:4px 4px 4px 4px rgb(41, 45,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4280888678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 45, 102) }
```

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

```
.background{ background-color: rgb(41, 45,  
102) }
```

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