

Converting Colors

Android(4280312938)

Have a look what the booklet for
Android(4280312938) contains.

Android(4280312938)	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(4280312938)

Conversions

Conversions Part 1

Format	Color
Hex	20646A
RGB	32, 100, 106
RGB Percent	13%, 39%, 42%
CMY	0.8745, 0.6078, 0.5843
CMYK	0.70, 0.06, 0.00, 0.58
HSL	185°, 54%, 27%
HSV	185°, 70%, 42%
XYZ	7.7544, 10.4620, 15.2463
YIQ	80.3520, -42.4540, -12.5500

Conversions

Conversions Part 2

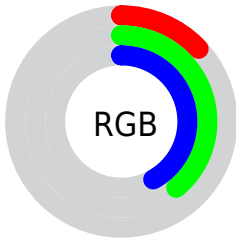
Format	Color
R_{YB}	32, 67, 106
Decimal	2122858
CIE _{Lab}	38.66, -18.74, -9.62
CIE _{LCh}	39, 21.066, 207.159
Yxy	10.4620, 0.2317, 0.3126
Android (android.graphics.Color)	4280312938 (0xFF20646A)
YUV	80.3520, 12.6445, -42.4047
Hunter-Lab	32.3451, -13.8105, -5.3057

Details

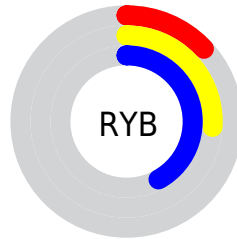
The Android color `4280312938` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285146656`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283930525`, and `4278203707` is the 20% darker color. If you saturate the color by 10%, you get `4279591786`, and if you desaturate by 10%, it is `4281034090`.

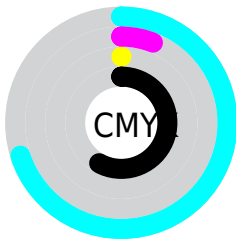
Distribution



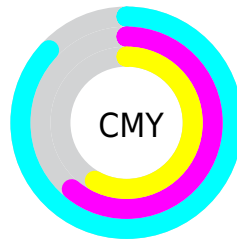
- Red (13%)
- Green (39%)
- Blue (42%)



- Red (13%)
- Yellow (26%)
- Blue (42%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280312938 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 4280312938 by changing the saturation by 10% instead.

4280312938

4280312938

4294967295

4278209618

4283930525

4278203707

4285706936

4278198309

4287483604

4278190353

4289325808

4278190080

4291166207

4293066751

4280312938

4280312938

4279591786

4281034090

■ 4278936170

■ 4281689706

■ 4278215018

■ 4282410858

■ 4283066218

■ 4283787370

■ 4284508522

■ 4285164138

■ 4285885290

■ 4286540906

Harmonies

Analogous

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



4281230425



4280312938



4280836727

Triad

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



4280312938



4285485422



4285028665

Complementary

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



4280312938



4285146656

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.



4285944895



4280312938



4286271069

Square

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



4280312938



4284176249



4286402380



4283916092

Rectangle

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



4280312938



4281884540



4286402380



4285355834

Sweetspot

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



4280312938



4285368202



4280314405



4281615173



4291085508



4282729797

Same Dimension

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



4280312938



4279664778



4280303722



4281349430



4278217845



4278247925

Inverse Universe

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



4285145188



4287239808



4285155872



4281741365



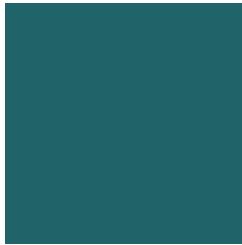
4285857900



4294246625

Previews

White Background



This preview shows how the Android color 4280312938 looks on a white background.

Color Contrast Check

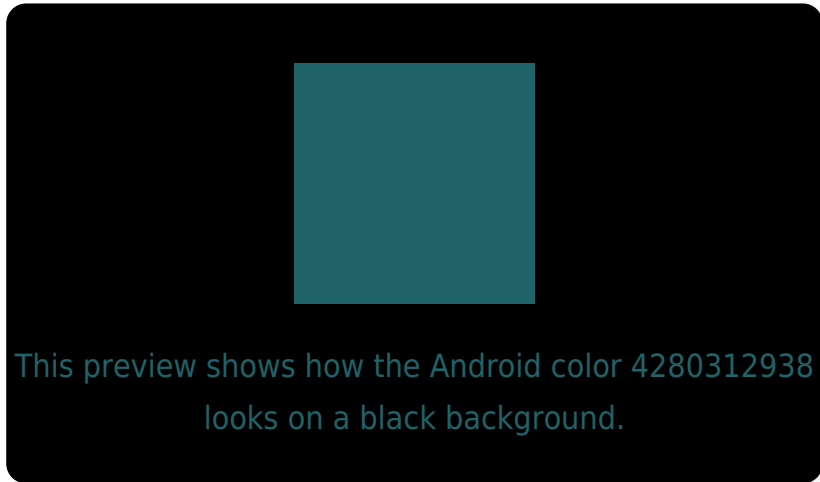
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280312938 Background



This preview shows how black text looks on a background with the Android color 4280312938.



This preview shows how white text looks on a background with the Android color 4280312938.

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

4280312938

Protanopia

4284111460

Deuteranopia

4284176749

Trichromacy



Original Color
4280312938

Protanomaly
4282736230

Deuteranomaly
4282801516

Tritanomaly
4280378475

Monochromacy



Original Color
4280312938

Achromatopsia
4283453520

Achromatomaly
4282341209

CSS Examples

Text

The CSS property to change the color of the text to Android 4280312938 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(32, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(32, 100, 106)  
}
```

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(32, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 100, 106) }
```

Border

The CSS property to change the border of an element to Android 4280312938 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(32, 100, 106) }
```

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

```
.border{ border-color:rgb(32, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(32, 100,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4280312938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 100, 106) }
```

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

```
.background{ background-color: rgb(32, 100,  
106) }
```

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