

Converting Colors

Android(4280364131)

Have a look what the booklet for
Android(4280364131) contains.

Android(4280364131)	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(4280364131)

Conversions

Conversions Part 1

Format	Color
Hex	212C63
RGB	33, 44, 99
RGB Percent	13%, 17%, 39%
CMY	0.8706, 0.8275, 0.6118
CMYK	0.67, 0.56, 0.00, 0.61
HSL	230°, 50%, 26%
HSV	230°, 67%, 39%
XYZ	3.7800, 3.0255, 12.1891
YIQ	46.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

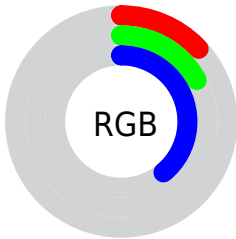
Format	Color
R_{YB}	33, 42, 99
Decimal	2174051
CIE _{Lab}	20.15, 14.87, -34.07
CIE _{LCh}	20, 37.173, 293.576
Yxy	3.0255, 0.1990, 0.1593
Android (android.graphics.Color)	4280364131 (0xFF212C63)
YUV	46.9810, 25.6454, -12.2613
Hunter-Lab	17.3941, 8.3512, -29.3723

Details

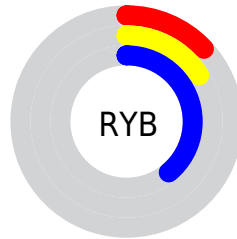
The Android color **4280364131** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284700705**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4283783574**, and **4278190132** is the 20% darker color. If you saturate the color by 10%, you get **4279706723**, and if you desaturate by 10%, it is **4281021539**.

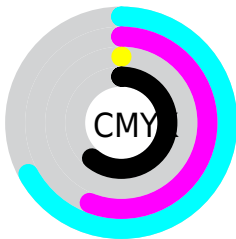
Distribution



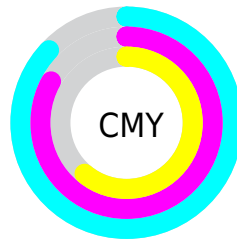
- Red (13%)
- Green (17%)
- Blue (39%)



- Red (13%)
- Yellow (16%)
- Blue (39%)



- Cyan (67%)
- Magenta (56%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280364131 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 4280364131 by changing the saturation by 10% instead.



4280364131



4280364131

4294967295



4278196299



4283783574



4278190132



4285493937



4278190622



4287269837



4278190080



4289045993



4290888191



4292730111



4294638079



4280364131



4280364131

■ 4279706723

■ 4281021539

■ 4279049315

■ 4281679203

■ 4278391651

■ 4282336611

■ 4278194531

■ 4282994019

■ 4283651427

■ 4284243555

■ 4284900963

■ 4285558371

■ 4286215779

Harmonies

Analogous

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



4278204007



4280364131



4283113041

Triad

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



4280364131



4283769088



4278205482

Complementary

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



4280364131



4284700705

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.



4278204941



4280364131



4282526976

Square

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



4280364131



4284421149



4280890624



4278205766

Rectangle

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



4280364131



4284027969



4280890624



4278205472

Sweetspot

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



4280364131



4284902016



4280378200



4281348928



4290756543



4282400832

Same Dimension

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



4280364131



4279839616



4281803107



4281084976



4278195056



4278200560

Inverse Universe

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



4284686636



4286585131



4283261729



4281347116



4285530131



4293918760

Previews

White Background



This preview shows how the Android color 4280364131 looks on a white background.

Color Contrast Check

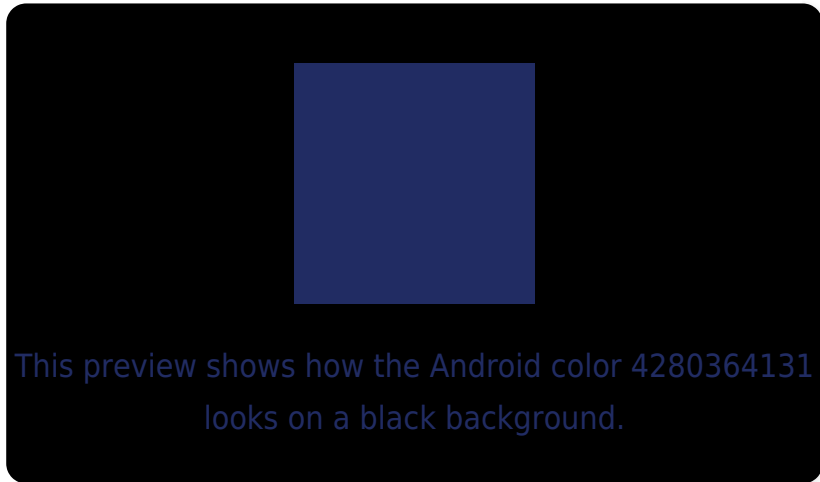
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280364131 Background



This preview shows how black text looks on a background with the Android color 4280364131.



This preview shows how white text looks on a background with the Android color 4280364131.

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
4280364131

Protanopia
4278202212

Deuteranopia
4278202967

Trichromacy



Original Color

4280364131

Protanomaly

4278988388

Deuteranomaly

4278988891

Tritanomaly

4278989385

Monochromacy



Original Color

4280364131

Achromatopsia

4281282351

Achromatomaly

4280954434

CSS Examples

Text

The CSS property to change the color of the text to Android 4280364131 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(33, 44, 99)` looks like.

```
.text, #text, p{  
    color:rgb(33, 44, 99)  
}
```

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(33, 44, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 44, 99) }
```

Border

The CSS property to change the border of an element to Android 4280364131 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(33, 44, 99) }
```

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

```
.border{ border-color:rgb(33, 44, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 44, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 44, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 44, 99);  
box-shadow:4px 4px 4px 4px rgb(33, 44, 99)  
}
```

Background

The CSS property to change the background color of an element to Android 4280364131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 44, 99) }
```

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

```
.background{ background-color: rgb(33, 44,  
99) }
```

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