

Converting Colors

Android(4280614950)

Have a look what the booklet for
Android(4280614950) contains.

| | |
|--|----|
| Android(4280614950) | 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(4280614950)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 250026 |
| RGB | 37, 0, 38 |
| RGB Percent | 15%, 0%, 15% |
| CMY | 0.8549, 1.0000, 0.8510 |
| CMYK | 0.03, 1.00, 0.00, 0.85 |
| HSL | 298°, 100%, 7% |
| HSV | 298°, 100%, 15% |
| XYZ | 1.1128, 0.5333, 1.8780 |
| YIQ | 15.3950, 9.8540, 19.6620 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 37, 0, 38 |
| Decimal | 2424870 |
| CIE Lab | 4.82, 23.81, -15.78 |
| CIE LCh | 5, 28.564, 326.457 |
| Yxy | 0.5333, 0.3158, 0.1513 |
| Android (android.graphics.Color) | 4280614950 (0xFF250026) |
| YUV | 15.3950, 11.1443, 18.9476 |
| Hunter-Lab | 7.3024, 14.4219, -10.1362 |

Details

The Android color **4280614950** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278265344**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4283641171**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280614950**, and if you desaturate by 10%, it is **4280615974**.

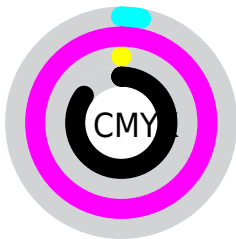
Distribution



- Red (15%)
- Green (0%)
- Blue (15%)



- Red (15%)
- Yellow (0%)
- Blue (15%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (85%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280614950 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 4280614950 by changing the saturation by 10% instead.

 4280614950

 4280614950

 4294959615

 4278190096

 4283641171

 4278190080

 4285285483

 4286930053

 4288705951

 4290482106

 4292324054

 4294231538

 4280614950

■ 4280615974

■ 4280616998

■ 4280617766

■ 4280618790

■ 4280685350

■ 4280686374

■ 4280687398

■ 4280688166

■ 4280689190

Harmonies

Analogous

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



4278717235



4280614950



4281335828

Triad

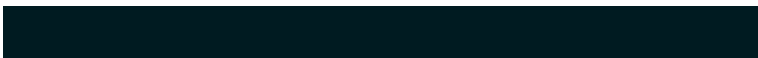
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280614950



4279832320



4278197025

Complementary

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



4280614950



4278265344

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.



4278196748



4280614950



4278195712

Square

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



4280614950



4280747008



4278196480



4278196784

Rectangle

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



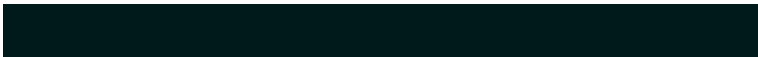
4280614950



4281466880



4278196480



4278196763

Sweetspot

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



4280614950



4281344560



4278190374



4279832602



4288256409



4279900698

Same Dimension

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



4280614950



4281270320



4280680468



4279373842



4283367506



4291559633

Inverse Universe

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



4280680449



4281335809



4278199826



4279373840



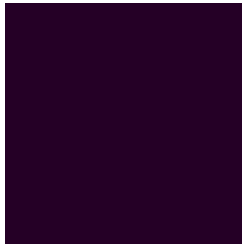
4283564034



4291887110

Previews

White Background



This preview shows how the Android color 4280614950 looks on a white background.

Color Contrast Check

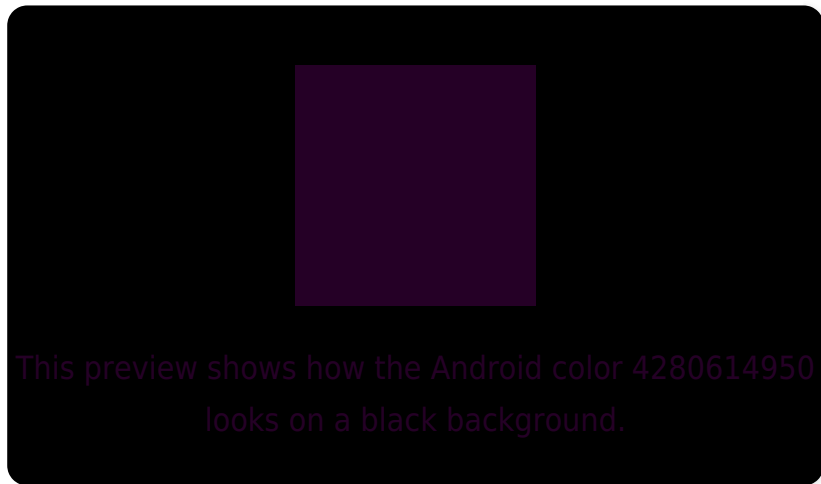
Large Text (above 18pt) WCAG AA ✓ Pass

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

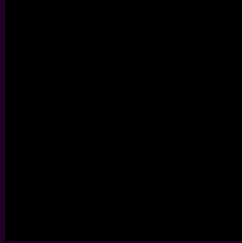
Any Text WCAG AA × Fail

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 4280614950 Background



This preview shows how black text looks on a background with the Android color 4280614950.



This preview shows how white text looks on a background with the Android color 4280614950.

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

4280614950

Protanopia

4278195500

Deuteranopia

4278982180



Tritanopia
4280487696

Trichromacy



Original Color

4280614950

Protanomaly

4279045418

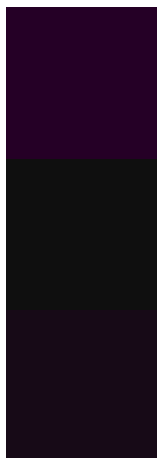
Deuteranomaly

4279569957

Tritanomaly

4280551960

Monochromacy



Original Color

4280614950

Achromatopsia

4279176975

Achromatomaly

4279699991

CSS Examples

Text

The CSS property to change the color of the text to Android 4280614950 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(37, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 38)  
}
```

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(37, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 38) }
```

Border

The CSS property to change the border of an element to Android 4280614950 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(37, 0, 38) }
```

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

```
.border{ border-color:rgb(37, 0, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 0, 38); box-shadow:4px  
4px 4px 4px rgb(37, 0, 38) }
```

Background

The CSS property to change the background color of an element to Android 4280614950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 38) }
```

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

```
.background{ background-color: rgb(37, 0,  
38) }
```

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