

Converting Colors

Android(4280877114)

Have a look what the booklet for
Android(4280877114) contains.

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Color

Android(4280877114)

Conversions

Conversions Part 1

Format	Color
Hex	29003A
RGB	41, 0, 58
RGB Percent	16%, 0%, 23%
CMY	0.8392, 1.0000, 0.7725
CMYK	0.29, 1.00, 0.00, 0.77
HSL	282°, 100%, 11%
HSV	282°, 100%, 23%
XYZ	1.6782, 0.7769, 4.0645
YIQ	18.8710, 5.8180, 26.7300

Conversions

Conversions Part 2

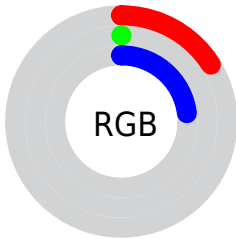
Format	Color
RYB	41, 0, 58
Decimal	2687034
CIELab	7.02, 30.98, -27.16
CIELCh	7, 41.199, 318.767
Yxy	0.7769, 0.2574, 0.1192
Android (android.graphics.Color)	4280877114 (0xFF29003A)
YUV	18.8710, 19.2906, 19.4071
Hunter-Lab	8.8142, 18.5604, -21.1704

Details

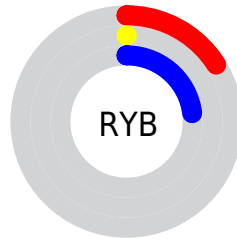
The Android color **4280877114** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4279319040**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4284034666**, and **4278190092** is the 20% darker color. If you saturate the color by 10%, you get **4280877114**, and if you desaturate by 10%, it is **4281009722**.

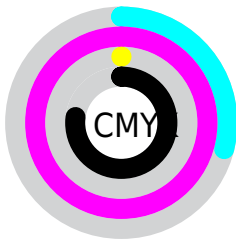
Distribution



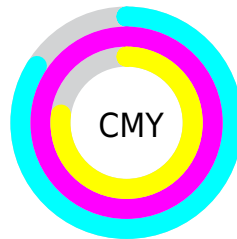
- Red (16%)
- Green (0%)
- Blue (23%)



- Red (16%)
- Yellow (0%)
- Blue (23%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (84%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280877114 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 4280877114 by changing the saturation by 10% instead.

 4280877114

 4280877114

 4294960127

 4279369764

 4284034666

 4278190092

 4285744515

 4278190080

 4287454877

 4289230777

 4291072468

 4292914417

 4294821887

 4280877114

■ 4281009722

■ 4281076794

■ 4281209146

■ 4281341754

■ 4281474362

■ 4281541434

■ 4281674042

■ 4281806394

■ 4281873466

Harmonies

Analogous

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



4278195274



4280877114



4282253345

Triad

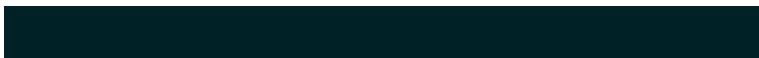
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280877114



4280619264



4278198566

Complementary

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



4280877114



4279319040

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.



4278198277



4280877114



4278524416

Square

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



4280877114



4281794560



4278198272



4278198847

Rectangle

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



4280877114



4282449933



4278198272



4278198557

Sweetspot

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



4280877114



4282791501



4278194490



4280424486



4289111718



4280690214

Same Dimension

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



4280877114



4281729101



4281991214



4279965980



4282450012



4288348379

Inverse Universe

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



4281991185



4283236374



4278204940



4280031514



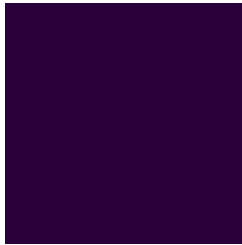
4284219419



4292542528

Previews

White Background



This preview shows how the Android color 4280877114 looks on a white background.

Color Contrast Check

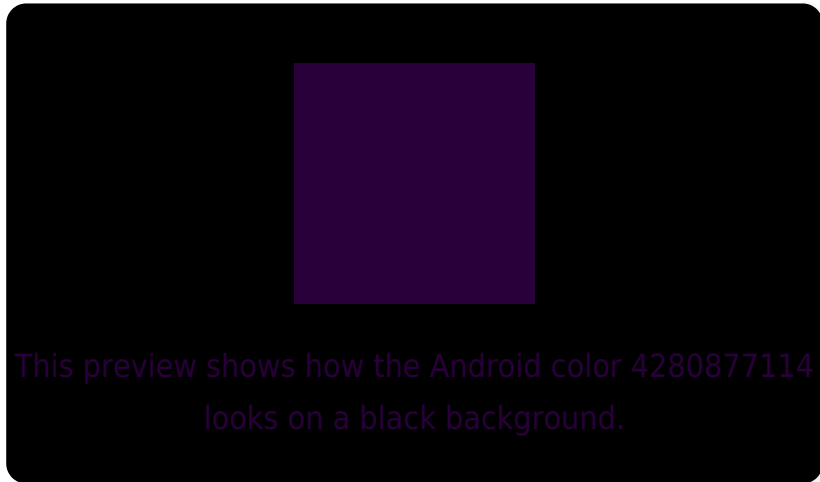
Large Text (above 18pt) WCAG AA ✓ Pass

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

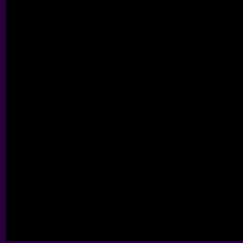
Any Text WCAG AA × Fail

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 4280877114 Background



This preview shows how black text looks on a background with the Android color 4280877114.



This preview shows how white text looks on a background with the Android color 4280877114.

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

4280877114

Protanopia

4278196533

Deuteranopia

4278197038

Trichromacy



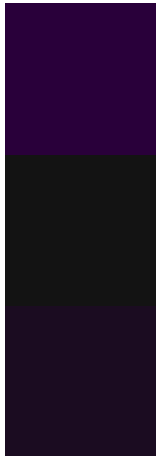
Original Color
4280877114

Protanomaly
4279177271

Deuteranomaly
4279177522

Tritanomaly
4280618788

Monochromacy



Original Color
4280877114

Achromatopsia
4279440147

Achromatomaly
4279962657

CSS Examples

Text

The CSS property to change the color of the text to Android 4280877114 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, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 58)  
}
```

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, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 58) }
```

Border

The CSS property to change the border of an element to Android 4280877114 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, 0, 58) }
```

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

```
.border{ border-color:rgb(41, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 0, 58); box-shadow:4px  
4px 4px 4px rgb(41, 0, 58) }
```

Background

The CSS property to change the background color of an element to Android 4280877114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 58) }
```

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

```
.background{ background-color: rgb(41, 0,  
58) }
```

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](#).

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