

Converting Colors

Android(4280942639)

Have a look what the booklet for
Android(4280942639) contains.

Android(4280942639)	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(4280942639)

Conversions

Conversions Part 1

Format	Color
Hex	2A002F
RGB	42, 0, 47
RGB Percent	16%, 0%, 18%
CMY	0.8353, 1.0000, 0.8157
CMYK	0.11, 1.00, 0.00, 0.82
HSL	294°, 100%, 9%
HSV	294°, 100%, 18%
XYZ	1.4679, 0.6975, 2.7466
YIQ	17.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

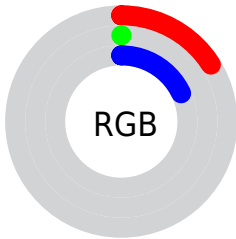
Format	Color
RYB	42, 0, 47
Decimal	2752559
CIELab	6.30, 28.39, -20.21
CIELCh	6, 34.850, 324.563
Yxy	0.6975, 0.2988, 0.1420
Android (android.graphics.Color)	4280942639 (0xFF2A002F)
YUV	17.9160, 14.3384, 21.1217
Hunter-Lab	8.3515, 16.7596, -13.6528

Details

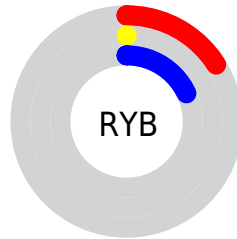
The Android color **4280942639** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278529792**, and the grayscale version is **4279374354**.

A 20% lighter version of the original color is **4284099933**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280942639**, and if you desaturate by 10%, it is **4280943919**.

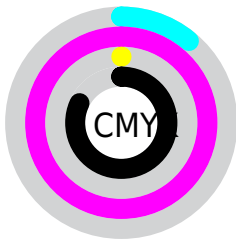
Distribution



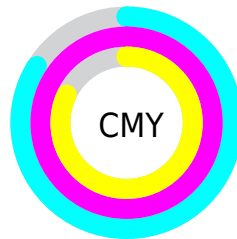
- Red (16%)
- Green (0%)
- Blue (18%)



- Red (16%)
- Yellow (0%)
- Blue (18%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280942639 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 4280942639 by changing the saturation by 10% instead.



4280942639



4280942639



4294960127



4279238682



4284099933



4278190080



4285744502



4287454608



4289230506



4291006662



4292914146



4294756095



4280942639

■ 4280943919

■ 4281010479

■ 4281011759

■ 4281078575

■ 4281145391

■ 4281146415

■ 4281213231

■ 4281214511

■ 4281281071

Harmonies

Analogous

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



4278194238



4280942639



4281860121

Triad

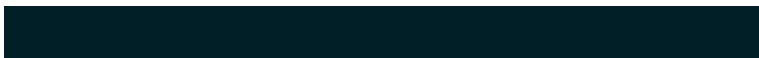
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280942639



4280226304



4278198055

Complementary

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



4280942639



4278529792

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.



4278197773



4280942639



4278196736

Square

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



4280942639



4281271552



4278197760



4278197818

Rectangle

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



4280942639



4281991171



4278197760



4278198047

Sweetspot

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



4280942639



4282067773



4278191407



4280095775



4288585374



4280229663

Same Dimension

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



4280942639



4281794621



4281270301



4279702807



4283236439



4290707670

Inverse Universe

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



4281270277



4282187783



4278202130



4279702805



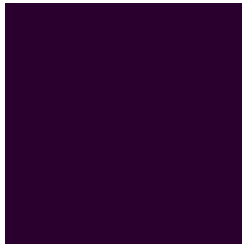
4283891721



4292214807

Previews

White Background



This preview shows how the Android color 4280942639 looks on a white background.

Color Contrast Check

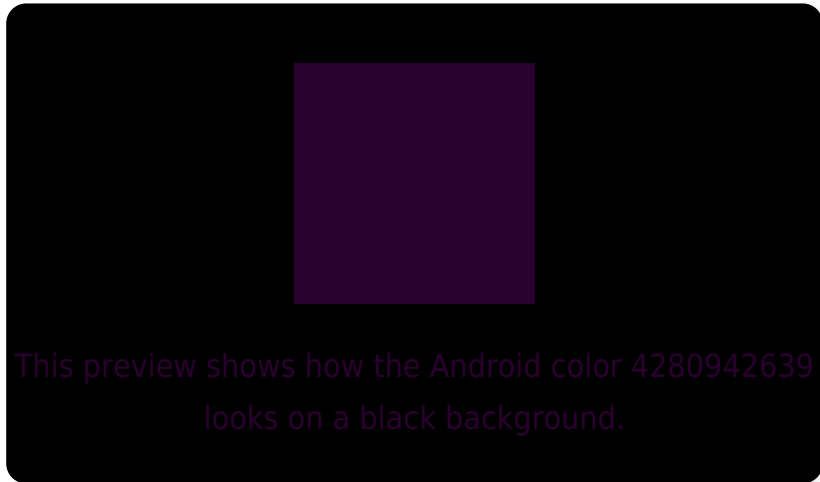
Large Text (above 18pt) WCAG AA ✓ Pass

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

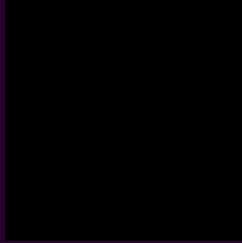
Any Text WCAG AA × Fail

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 4280942639 Background



This preview shows how black text looks on a background with the Android color 4280942639.



This preview shows how white text looks on a background with the Android color 4280942639.

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

4280942639

Protanopia

4278196275

Deuteranopia

4278589740

Trichromacy



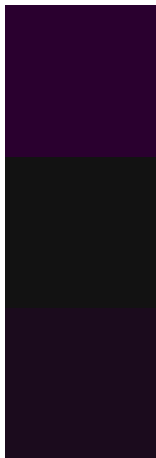
Original Color
4280942639

Protanomaly
4279177010

Deuteranomaly
4279439405

Tritanomaly
4280814366

Monochromacy



Original Color
4280942639

Achromatopsia
4279374354

Achromatomaly
4279962397

CSS Examples

Text

The CSS property to change the color of the text to Android 4280942639 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(42, 0, 47)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 47)  
}
```

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(42, 0, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 47) }
```

Border

The CSS property to change the border of an element to Android 4280942639 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(42, 0, 47) }
```

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

```
.border{ border-color:rgb(42, 0, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 0, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 0, 47); box-shadow:4px  
4px 4px 4px rgb(42, 0, 47) }
```

Background

The CSS property to change the background color of an element to Android 4280942639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 0, 47) }
```

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

```
.background{ background-color: rgb(42, 0,  
47) }
```

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