

Converting Colors

Android(4280942644)

Have a look what the booklet for
Android(4280942644) contains.

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Color

Android(4280942644)

Conversions

Conversions Part 1

Format	Color
Hex	2A0034
RGB	42, 0, 52
RGB Percent	16%, 0%, 20%
CMY	0.8353, 1.0000, 0.7961
CMYK	0.19, 1.00, 0.00, 0.80
HSL	288°, 100%, 10%
HSV	288°, 100%, 20%
XYZ	1.5747, 0.7402, 3.3087
YIQ	18.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

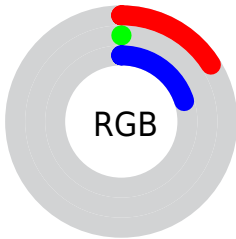
Format	Color
RYB	42, 0, 52
Decimal	2752564
CIELab	6.69, 29.68, -23.30
CIELCh	7, 37.731, 321.870
Yxy	0.7402, 0.2800, 0.1316
Android (android.graphics.Color)	4280942644 (0xFF2A0034)
YUV	18.4860, 16.5224, 20.6218
Hunter-Lab	8.6033, 17.6152, -16.7795

Details

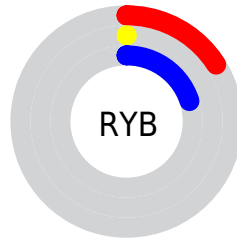
The Android color **4280942644** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278858752**, and the grayscale version is **4279374354**.

A 20% lighter version of the original color is **4284099939**, and **4278190081** is the 20% darker color. If you saturate the color by 10%, you get **4280942644**, and if you desaturate by 10%, it is **4281009460**.

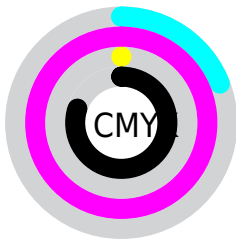
Distribution



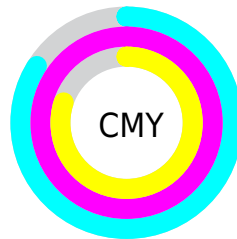
- Red (16%)
- Green (0%)
- Blue (20%)



- Red (16%)
- Yellow (0%)
- Blue (20%)



- Cyan (19%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280942644 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 4280942644 by changing the saturation by 10% instead.

 4280942644

 4280942644

 4294960127

 4279369759

 4284099939

 4278190081

 4285744508

 4278190080

 4287454614

 4289230513

 4291072460

 4292914153

 4294821887

 4280942644

■ 4281009460

■ 4281076276

■ 4281143348

■ 4281210164

■ 4281276980

■ 4281343796

■ 4281410612

■ 4281477684

■ 4281544500

Harmonies

Analogous

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



4278194756



4280942644



4282056733

Triad

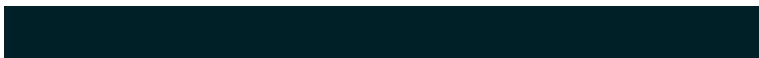
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280942644



4280422656



4278198311

Complementary

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



4280942644



4278858752

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.



4278198026



4280942644



4278262272

Square

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



4280942644



4281467648



4278198016



4278198332

Rectangle

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



4280942644



4282253320



4278198016



4278198302

Sweetspot

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



4280942644



4282462277



4278192692



4280358692



4288914339



4280558628

Same Dimension

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



4280942644



4281860165



4281597988



4279834394



4282908761



4289659097

Inverse Universe

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



4281597962



4282712077



4278203408



4279899927



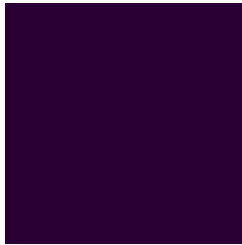
4284022801



4292411434

Previews

White Background



This preview shows how the Android color 4280942644 looks on a white background.

Color Contrast Check

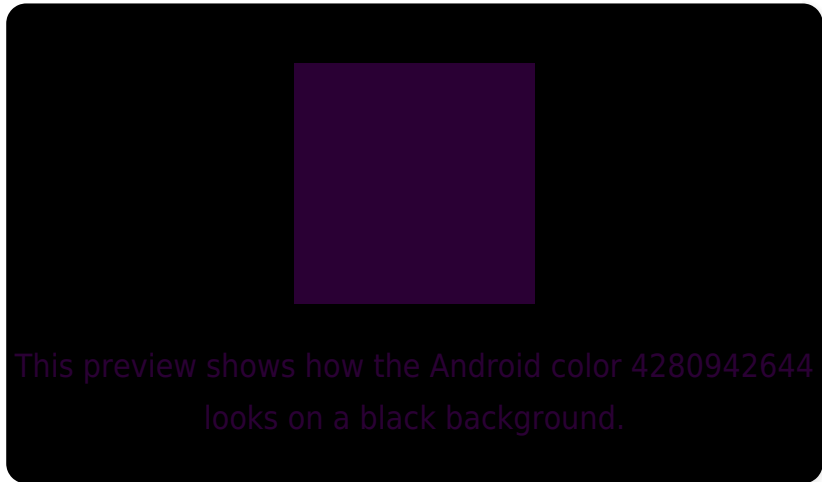
Large Text (above 18pt) WCAG AA ✓ Pass

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

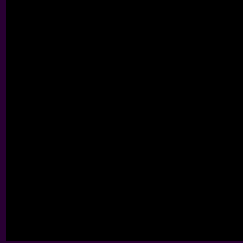
Any Text WCAG AA × Fail

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 4280942644 Background



This preview shows how black text looks on a background with the Android color 4280942644.



This preview shows how white text looks on a background with the Android color 4280942644.

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

4280942644

Protanopia

4278196532

Deuteranopia

4278196782

Trichromacy



Original Color

4280942644

Protanomaly

4279177268

Deuteranomaly

4279177520

Tritanomaly

4280749345

Monochromacy



Original Color

4280942644

Achromatopsia

4279374354

Achromatomaly

4279962398

CSS Examples

Text

The CSS property to change the color of the text to Android 4280942644 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 52) }
```

Border

The CSS property to change the border of an element to Android 4280942644 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, 52) }
```

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

```
.border{ border-color:rgb(42, 0, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 0, 52); box-shadow:4px  
4px 4px 4px rgb(42, 0, 52) }
```

Background

The CSS property to change the background color of an element to Android 4280942644 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, 52) }
```

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

```
.background{ background-color: rgb(42, 0,  
52) }
```

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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