

Converting Colors

Android(4280946235)

Have a look what the booklet for
Android(4280946235) contains.

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Color

Android(4280946235)

Conversions

Conversions Part 1

Format	Color
Hex	2A0E3B
RGB	42, 14, 59
RGB Percent	16%, 5%, 23%
CMY	0.8353, 0.9451, 0.7686
CMYK	0.29, 0.76, 0.00, 0.77
HSL	277°, 62%, 14%
HSV	277°, 76%, 23%
XYZ	1.9013, 1.1221, 4.2540
YIQ	27.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

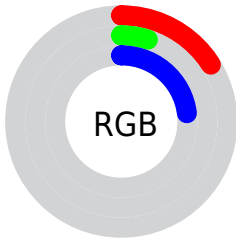
Format	Color
R_{YB}	42, 14, 59
Decimal	2756155
CIE Lab	9.97, 23.79, -23.09
CIE LCh	10, 33.153, 315.858
Yxy	1.1221, 0.2613, 0.1542
Android (android.graphics.Color)	4280946235 (0xFF2A0E3B)
YUV	27.5020, 15.5285, 12.7147
Hunter-Lab	10.5928, 13.5013, -16.3957

Details

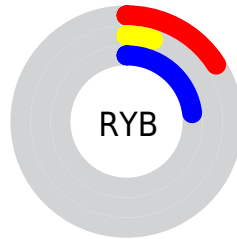
The Android color **4280946235** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280236814**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4284037739**, and **4278190350** is the 20% darker color. If you saturate the color by 10%, you get **4280813627**, and if you desaturate by 10%, it is **4281078843**.

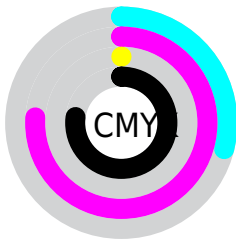
Distribution



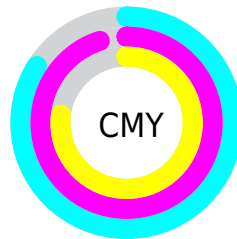
- Red (16%)
- Green (5%)
- Blue (23%)



- Red (16%)
- Yellow (5%)
- Blue (23%)



- Cyan (29%)
- Magenta (76%)
- Yellow (0%)
- Black (77%)



- Cyan (84%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280946235 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 4280946235 by changing the saturation by 10% instead.

 4280946235

 4280946235

 4294963711

 4279828518

 4284037739


 4278190350

 4285747588

 4278190080

 4287457950

 4289168313

 4291010261

 4292852210

 4294759679

 4280946235

 4280946235

■ 4280813627

■ 4281078843

■ 4280681019

■ 4281211451

■ 4280614971

■ 4281409595

■ 4281542203

■ 4281674811

■ 4281807163

■ 4282005307

■ 4282137915

■ 4282270523

Harmonies

Analogous

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



4278196807



4280946235



4282187815

Triad

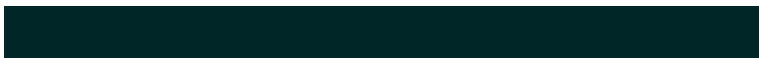
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280946235



4281079552



4278199847

Complementary

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



4280946235



4280236814

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.



4278199566



4280946235



4279836160

Square

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



4280946235



4282059264



4278199040



4278199611

Rectangle

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



4280946235



4282449944



4278199040



4278199839

Sweetspot

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



4280946235



4282792781



4279115579



4280425510



4289111718



4280690214

Same Dimension

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



4280946235



4281468493



4282060342



4280097823



4282056798



4287234270

Inverse Universe

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



4282060319



4283237921



4279122707



4280228893



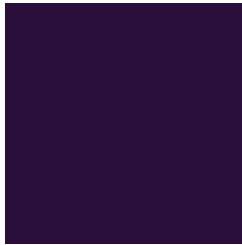
4284350500



4292739156

Previews

White Background



This preview shows how the Android color 4280946235 looks on a white background.

Color Contrast Check

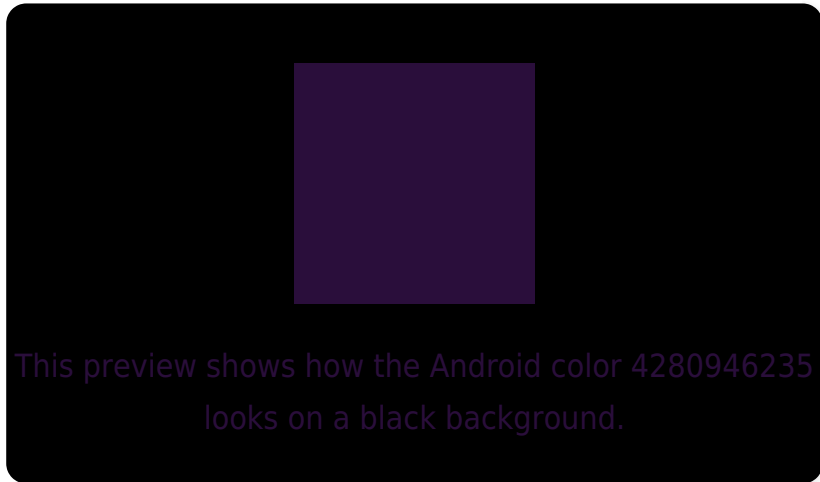
Large Text (above 18pt) WCAG AA ✓ Pass

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

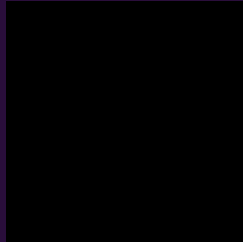
Any Text WCAG AA × Fail

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 4280946235 Background



This preview shows how black text looks on a background with the Android color 4280946235.



This preview shows how white text looks on a background with the Android color 4280946235.

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
4280946235

Protanopia
4278197307

Deuteranopia
4278197555

Trichromacy



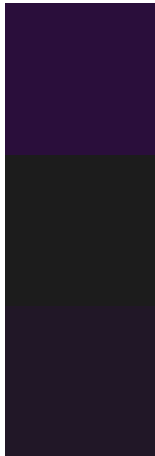
Original Color
4280946235

Protanomaly
4279179067

Deuteranomaly
4279179318

Tritanomaly
4280751655

Monochromacy



Original Color
4280946235

Achromatopsia
4280032284

Achromatomaly
4280358695

CSS Examples

Text

The CSS property to change the color of the text to Android 4280946235 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, 14, 59)` looks like.

```
.text, #text, p{  
    color:rgb(42, 14, 59)  
}
```

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, 14, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 14, 59) }
```

Border

The CSS property to change the border of an element to Android 4280946235 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, 14, 59) }
```

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

```
.border{ border-color:rgb(42, 14, 59) }
```

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

Here you see how a box with a 4 pixel rgb(42, 14, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 14, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 14, 59);  
box-shadow:4px 4px 4px 4px rgb(42, 14, 59)  
}
```

Background

The CSS property to change the background color of an element to Android 4280946235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 14, 59) }
```

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

```
.background{ background-color: rgb(42, 14,  
59) }
```

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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