

Converting Colors

Android(4280549459)

Have a look what the booklet for
Android(4280549459) contains.

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Color

Android(4280549459)

Conversions

Conversions Part 1

Format	Color
Hex	240053
RGB	36, 0, 83
RGB Percent	14%, 0%, 33%
CMY	0.8588, 1.0000, 0.6745
CMYK	0.57, 1.00, 0.00, 0.67
HSL	266°, 100%, 16%
HSV	266°, 100%, 33%
XYZ	2.2889, 0.9996, 8.2559
YIQ	20.2260, -5.1870, 33.4450

Conversions

Conversions Part 2

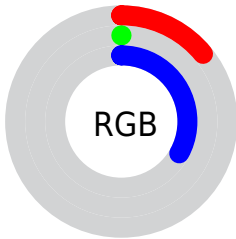
Format	Color
RYB	36, 0, 83
Decimal	2359379
CIELab	8.99, 36.68, -41.57
CIELCh	9, 55.438, 311.426
Yxy	0.9996, 0.1983, 0.0866
Android (android.graphics.Color)	4280549459 (0xFF240053)
YUV	20.2260, 30.9476, 13.8338
Hunter-Lab	9.9980, 23.3683, -41.9605

Details

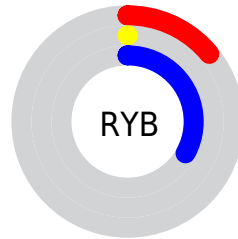
The Android color **4280549459** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281291520**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283969414**, and **4278190629** is the 20% darker color. If you saturate the color by 10%, you get **4280549459**, and if you desaturate by 10%, it is **4280879187**.

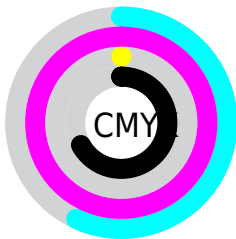
Distribution



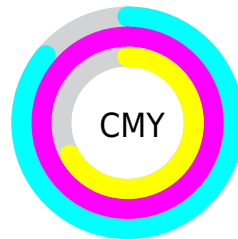
- Red (14%)
- Green (0%)
- Blue (33%)



- Red (14%)
- Yellow (0%)
- Blue (33%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280549459 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 4280549459 by changing the saturation by 10% instead.

 4280549459

 4280549459

 4294960895

 4279173180

 4283969414

 4278190629


 4285679520

 4278190349

 4287455419

 4278190080

 4289296855

 4291138548

 4292980479

 4294953727

 4280549459

■ 4280879187

■ 4281143635

■ 4281473363

■ 4281803091

■ 4282067283

■ 4282397267

■ 4282726995

■ 4283056723

■ 4283321171

Harmonies

Analogous

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



4278197350



4280549459



4283105330

Triad

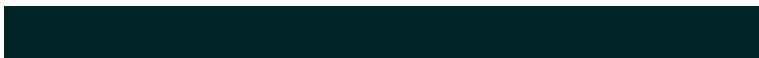
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280549459



4281536000



4278199847

Complementary

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



4280549459



4281291520

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.



4278199552



4280549459



4279442688

Square

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



4280549459



4282974208



4278199552



4278200395

Rectangle

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



4280549459



4283629594



4278199552



4278199834

Sweetspot

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



4280549459



4284042091



4278202195



4281016886



4290098613



4281742902

Same Dimension

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



4280549459



4281204843



4283236435



4280689961



4281139305



4284809448

Inverse Universe

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



4283629615



4285202493



4278604544



4280886567



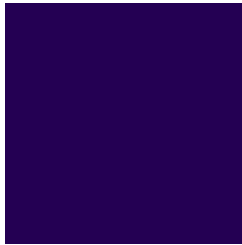
4285071419



4293394563

Previews

White Background



This preview shows how the Android color 4280549459 looks on a white background.

Color Contrast Check

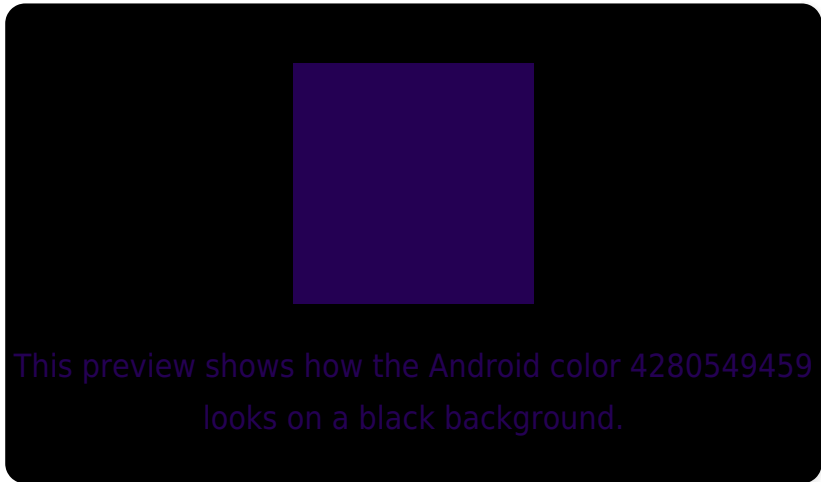
Large Text (above 18pt) WCAG AA ✓ Pass

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

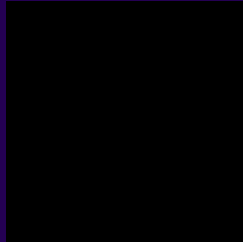
Any Text WCAG AA × Fail

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 4280549459 Background



This preview shows how black text looks on a background with the Android color 4280549459.



This preview shows how white text looks on a background with the Android color 4280549459.

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
4280549459

Deuteranopia
4278198068

Tritanopia
4279377955

Trichromacy

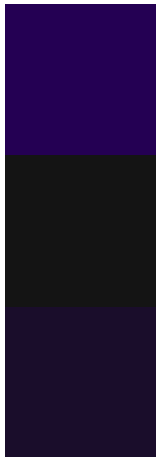


Original Color
4280549459

Deuteranomaly
4279047231

Tritanomaly
4279833652

Monochromacy



Original Color
4280549459

Achromatopsia
4279505940

Achromatomaly
4279897387

CSS Examples

Text

The CSS property to change the color of the text to Android 4280549459 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(36, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 83)  
}
```

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(36, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 83) }
```

Border

The CSS property to change the border of an element to Android 4280549459 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(36, 0, 83) }
```

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

```
.border{ border-color:rgb(36, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 83); box-shadow:4px  
4px 4px 4px rgb(36, 0, 83) }
```

Background

The CSS property to change the background color of an element to Android 4280549459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 83) }
```

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

```
.background{ background-color: rgb(36, 0,  
83) }
```

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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