

# Converting Colors

Android(4280749864)

Have a look what the booklet for  
Android(4280749864) contains.

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# Color

**Android(4280749864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	270F28
RGB	39, 15, 40
RGB Percent	15%, 6%, 16%
CMY	0.8471, 0.9412, 0.8431
CMYK	0.02, 0.62, 0.00, 0.84
HSL	298°, 45%, 11%
HSV	298°, 62%, 16%
XYZ	1.3905, 0.9262, 2.1130
YIQ	25.0260, 6.2790, 12.8630

# Conversions

## Conversions Part 2

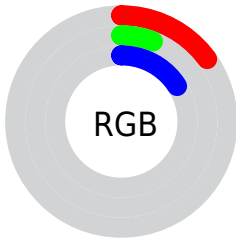
Format	Color
<a href="#">RYB</a>	<a href="#">39, 15, 40</a>
Decimal	<a href="#">2559784</a>
CIELab	<a href="#">8.36, 17.28, -11.74</a>
CIElCh	<a href="#">8, 20.897, 325.806</a>
Yxy	<a href="#">0.9262, 0.3139, 0.2091</a>
Android (android.graphics.Color)	<a href="#">4280749864 (0xFF270F28)</a>
YUV	<a href="#">25.0260, 7.3822, 12.2552</a>
Hunter-Lab	<a href="#">9.6238, 8.9493, -6.2807</a>

# Details

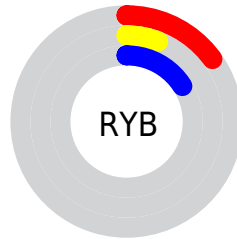
The Android color **4280749864** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4279248911**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4283775573**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280748840**, and if you desaturate by 10%, it is **4280750888**.

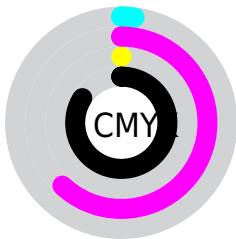
# Distribution



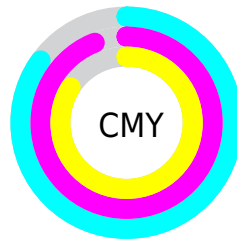
- Red (15%)
- Green (6%)
- Blue (16%)



- Red (15%)
- Yellow (6%)
- Blue (16%)



- Cyan (2%)
- Magenta (62%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (94%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280749864 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 4280749864 by changing the saturation by 10% instead.





4280749864



4280749864



4294963455



4279173139



4283775573



4278190080



4285419886



4287064455



4288840609



4290616764



4292458712



4294300660



4280749864



4280749864

■ 4280748840

■ 4280750888

■ 4280747816

■ 4280751912

■ 4280746792

■ 4280752936

■ 4280680488

■ 4280819496

■ 4280820520

■ 4280821544

■ 4280822568

■ 4280823592

■ 4280824616

# Harmonies

## Analogous

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



4279506225



4280749864



4281338395

# Triad

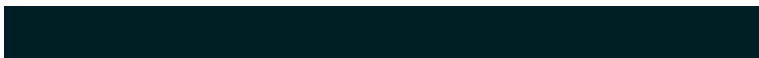
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280749864



4280358656



4278198052

# Complementary

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



4280749864



4279248911

# 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.



4278198294



4280749864



4279507712

# Square

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



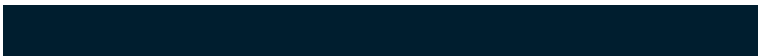
4280749864



4281078016



4278197761



4278197807

# Rectangle

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



4280749864



4281404176



4278197761



4278198303



# Sweetspot

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



4280749864



4281542963



4279177256



4279833626



4288256409



4279900698



# Same Dimension

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



4280749864



4281404723



4280815389



4279505428



4283498580



4291494100



# Inverse Universe

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



4280815376



4281535758



4279183386



4279505426



4283695107

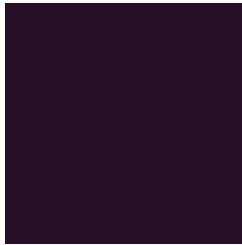


4292083720



# Previews

## White Background



This preview shows how the Android color 4280749864 looks on a white background.

## Color Contrast Check

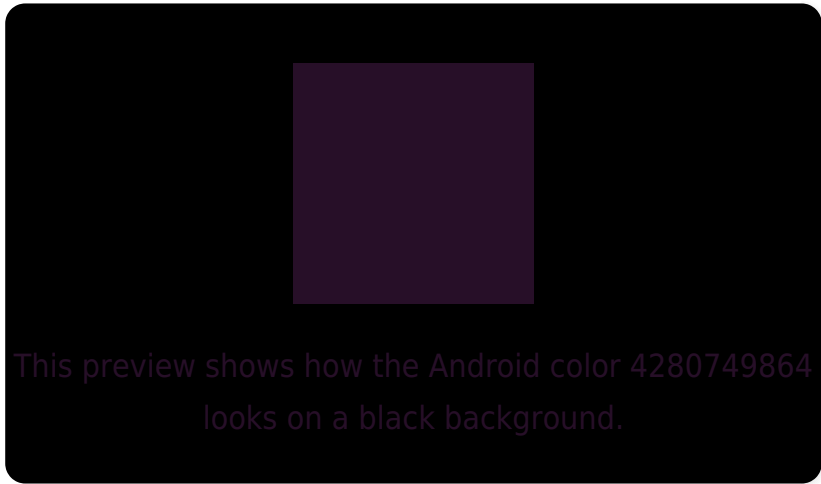
Large Text (above 18pt) WCAG AA ✓ Pass

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

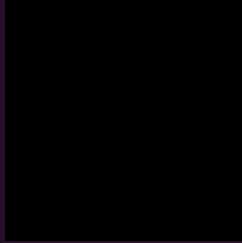
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280749864 Background



This preview shows how black text looks on a background with the Android color 4280749864.



This preview shows how white text looks on a background with the Android color 4280749864.

# 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**

4280749864

**Protanopia**

4278917169

**Deuteranopia**

4279441702



# Trichromacy



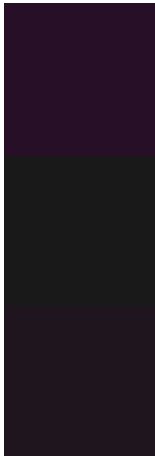
**Original Color**  
4280749864

**Protanomaly**  
4279571758

**Deuteranomaly**  
4279899431

**Tritanomaly**  
4280685085

# Monochromacy



**Original Color**  
4280749864

**Achromatopsia**  
4279834905

**Achromatomaly**  
4280161566

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280749864 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(39, 15, 40)` looks like.

```
.text, #text, p{  
    color:rgb(39, 15, 40)  
}
```

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(39, 15, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 15, 40) }
```

## Border

The CSS property to change the border of an element to Android 4280749864 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(39, 15, 40) }
```

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

```
.border{ border-color:rgb(39, 15, 40) }
```

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

Here you see how a box with a 4 pixel rgb(39, 15, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 15, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 15, 40);  
box-shadow:4px 4px 4px 4px rgb(39, 15, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280749864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 15, 40) }
```

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

```
.background{ background-color: rgb(39, 15,  
40) }
```

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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