

Converting Colors

Android(4280877648)

Have a look what the booklet for
Android(4280877648) contains.

Android(4280877648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4280877648)

Conversions

Conversions Part 1

Format	Color
Hex	290250
RGB	41, 2, 80
RGB Percent	16%, 1%, 31%
CMY	0.8392, 0.9922, 0.6863
CMYK	0.49, 0.98, 0.00, 0.69
HSL	270°, 95%, 16%
HSV	270°, 98%, 31%
XYZ	2.3841, 1.0940, 7.6749
YIQ	22.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

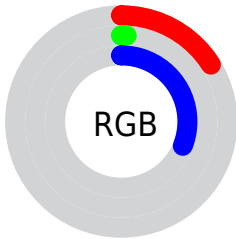
Format	Color
R_{YB}	41, 2, 80
Decimal	2687568
CIE _{Lab}	9.75, 35.37, -38.22
CIE _{LCh}	10, 52.071, 312.781
Yxy	1.0940, 0.2138, 0.0981
Android (android.graphics.Color)	4280877648 (0xFF290250)
YUV	22.5530, 28.3214, 16.1780
Hunter-Lab	10.4595, 22.3827, -36.1837

Details

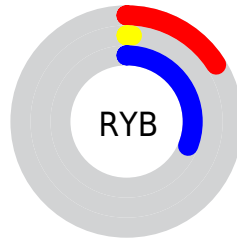
The Android color **4280877648** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4280897538**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4284232322**, and **4278190626** is the 20% darker color. If you saturate the color by 10%, you get **4280811600**, and if you desaturate by 10%, it is **4281141840**.

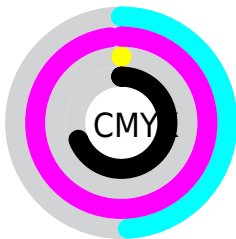
Distribution



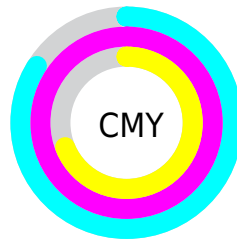
- Red (16%)
- Green (1%)
- Blue (31%)



- Red (16%)
- Yellow (1%)
- Blue (31%)



- Cyan (49%)
- Magenta (98%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280877648 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 4280877648 by changing the saturation by 10% instead.

 4280877648

 4280877648

 4294961663

 4279631929

 4284232322

 4278190626

 4285942429

 4278190088

 4287718072

 4278190080

 4289494228

 4291335920

 4293243391

 4294954495

 4280877648

 4280877648

■ 4280811600

■ 4281141840

■ 4281406032

■ 4281670224

■ 4281934416

■ 4282198608

■ 4282462800

■ 4282726992

■ 4282991184

■ 4283255376

Harmonies

Analogous

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



4278197346



4280877648



4283105329

Triad

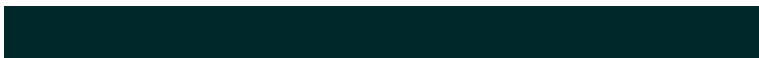
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280877648



4281536768



4278200362

Complementary

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



4280877648



4280897538

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.



4278200064



4280877648



4279574016

Square

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



4280877648



4282908672



4278199808



4278200651

Rectangle

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



4280877648



4283564058



4278199808



4278200350

Sweetspot

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



4280877648



4284041833



4278331728



4281082678



4290098613



4281742902

Same Dimension

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



4280877648



4281598057



4283433552



4280755497



4285792488

Inverse Universe

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



4283433513



4285071412



4278341634



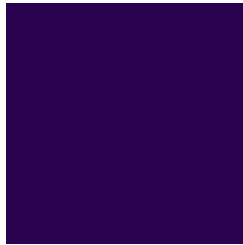
4280886567



4293394548

Previews

White Background



This preview shows how the Android color 4280877648 looks on a white background.

Color Contrast Check

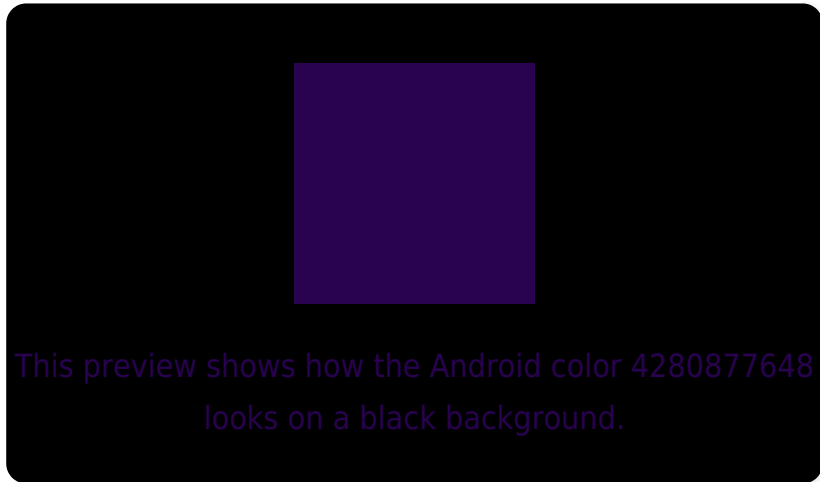
Large Text (above 18pt) WCAG AA ✓ Pass

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

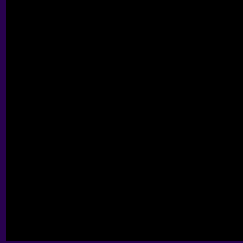
Any Text WCAG AA × Fail

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 4280877648 Background



This preview shows how black text looks on a background with the Android color 4280877648.



This preview shows how white text looks on a background with the Android color 4280877648.

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

4280877648

Protanopia

4278197823

Deuteranopia

4278198326

Trichromacy



Original Color

4280877648

Protanomaly

4279178309

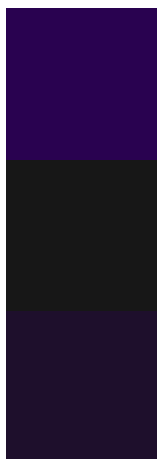
Deuteranomaly

4279178559

Tritanomaly

4280357939

Monochromacy



Original Color

4280877648

Achromatopsia

4279703319

Achromatomaly

4280160044

CSS Examples

Text

The CSS property to change the color of the text to Android 4280877648 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(41, 2, 80)` looks like.

```
.text, #text, p{  
    color:rgb(41, 2, 80)  
}
```

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(41, 2, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 2, 80) }
```

Border

The CSS property to change the border of an element to Android 4280877648 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(41, 2, 80) }
```

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

```
.border{ border-color:rgb(41, 2, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 2, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 2, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 2, 80); box-shadow:4px  
4px 4px 4px rgb(41, 2, 80) }
```

Background

The CSS property to change the background color of an element to Android 4280877648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 2, 80) }
```

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

```
.background{ background-color: rgb(41, 2,  
80) }
```

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