

Converting Colors

Android(4282777670)

Have a look what the booklet for
Android(4282777670) contains.

Android(4282777670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282777670)

Conversions

Conversions Part 1

Format	Color
Hex	460046
RGB	70, 0, 70
RGB Percent	27%, 0%, 27%
CMY	0.7255, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.00, 0.73
HSL	300°, 100%, 14%
HSV	300°, 100%, 27%
XYZ	3.6313, 1.7443, 5.9396
YIQ	28.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

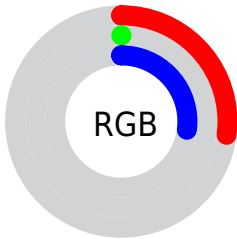
Format	Color
R_{YB}	70, 0, 70
Decimal	4587590
CIE _{Lab}	14.08, 38.73, -23.98
CIE _{LCh}	14, 45.554, 328.233
Yxy	1.7443, 0.3209, 0.1542
Android (android.graphics.Color)	4282777670 (0xFF460046)
YUV	28.9100, 20.2574, 36.0359
Hunter-Lab	13.2071, 25.9657, -17.4195

Details

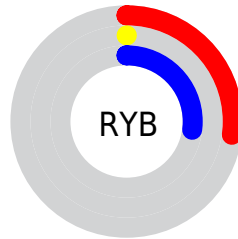
The Android color **4282777670** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278208000**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4286133879**, and **4279304218** is the 20% darker color. If you saturate the color by 10%, you get **4282777670**, and if you desaturate by 10%, it is **4282779462**.

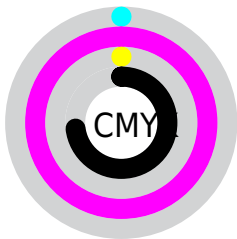
Distribution



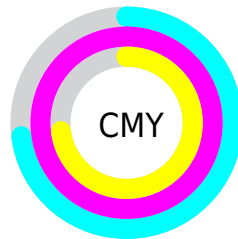
- Red (27%)
- Green (0%)
- Blue (27%)



- Red (27%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282777670 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 4282777670 by changing the saturation by 10% instead.

 4282777670

 4282777670

 4294963711

 4281204783


 4286133879

 4279304218

 4287909777

 4278190080

 4289685675

 4291527367

 4293434851

 4294949119

 4294956543

 4282777670

■ 4282779462

■ 4282781254

■ 4282783046

■ 4282784838

■ 4282786630

■ 4282788422

■ 4282790214

■ 4282792006

■ 4282793798

Harmonies

Analogous

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



4279311453



4282777670



4283891751

Triad

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



4282777670



4281278976



4278202433

Complementary

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



4282777670



4278208000

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.



4278202401



4282777670



4279118336

Square

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



4282777670



4282847744



4278201856



4278202203

Rectangle

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



4282777670



4283957266



4278201856



4278202679

Sweetspot

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



4282777670



4284235868



4278190150



4281212206



4289572269



4281216558

Same Dimension

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



4282777670



4284219484



4282777635



4280557604



4284678243



4293066979

Inverse Universe

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



4282777670



4284219484



4278208035



4280557604



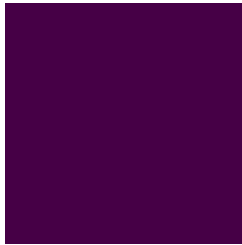
4284678243



4293066979

Previews

White Background



This preview shows how the Android color 4282777670 looks on a white background.

Color Contrast Check

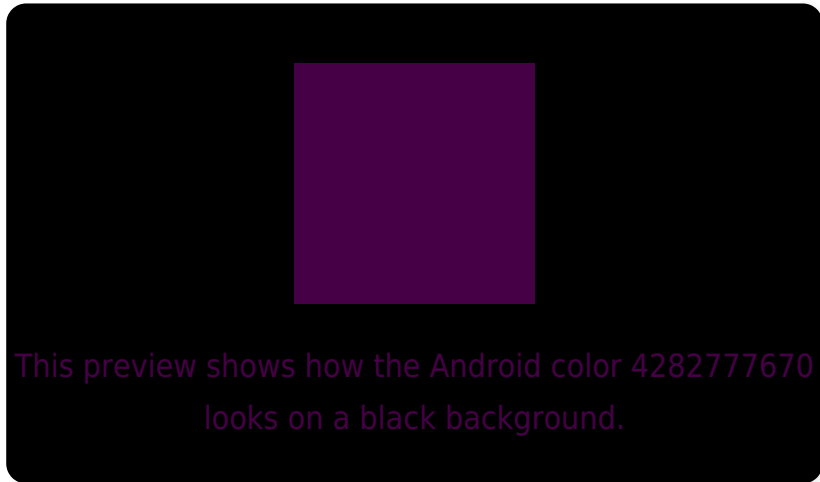
Large Text (above 18pt) WCAG AA ✓ Pass

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 428277670 Background



This preview shows how black text looks on a background with the Android color 428277670.



This preview shows how white text looks on a background with the Android color 428277670.

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

4282777670

Protanopia

4278200146

Deuteranopia

4279773250

Trichromacy



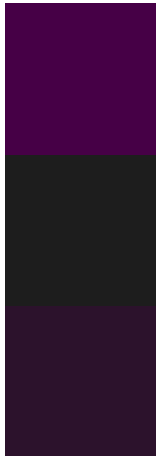
Original Color
4282777670

Protanomaly
4279834958

Deuteranomaly
4280883523

Tritanomaly
4282585388

Monochromacy



Original Color
4282777670

Achromatopsia
4280098077

Achromatomaly
4281078316

CSS Examples

Text

The CSS property to change the color of the text to Android 4282777670 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(70, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 0, 70)  
}
```

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(70, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 0, 70) }
```

Border

The CSS property to change the border of an element to Android 4282777670 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(70, 0, 70) }
```

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

```
.border{ border-color:rgb(70, 0, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 0, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 0, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 0, 70); box-shadow:4px  
4px 4px 4px rgb(70, 0, 70) }
```

Background

The CSS property to change the background color of an element to Android 4282777670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 0, 70) }
```

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

```
.background{ background-color: rgb(70, 0,  
70) }
```

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