

Converting Colors

Android(4280688770)

Have a look what the booklet for
Android(4280688770) contains.

Android(4280688770)	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>	28

Color

Android(4280688770)

Conversions

Conversions Part 1

Format	Color
Hex	262082
RGB	38, 32, 130
RGB Percent	15%, 13%, 51%
CMY	0.8510, 0.8745, 0.4902
CMYK	0.71, 0.75, 0.00, 0.49
HSL	244°, 60%, 32%
HSV	244°, 75%, 51%
XYZ	5.3451, 3.0568, 21.4274
YIQ	44.9660, -27.8820, 31.7500

Conversions

Conversions Part 2

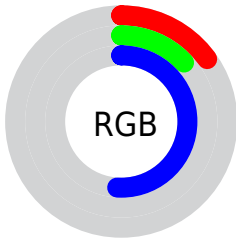
Format	Color
R_{YB}	38, 32, 130
Decimal	2498690
CIE _{Lab}	20.27, 35.23, -53.80
CIE _{LCh}	20, 64.305, 303.216
Yxy	3.0568, 0.1792, 0.1025
Android (android.graphics.Color)	4280688770 (0xFF262082)
YUV	44.9660, 41.9218, -6.1092
Hunter-Lab	17.4837, 23.9744, -60.4251




Details

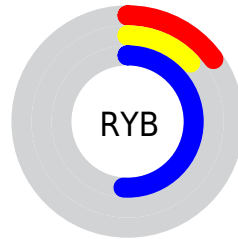
The Android color **4280688770** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286349856**, and the grayscale version is **4281150765**.




A 20% lighter version of the original color is **4284567224**, and **4278190160** is the 20% darker color. If you saturate the color by 10%, you get **4279899010**, and if you desaturate by 10%, it is **4281478530**.

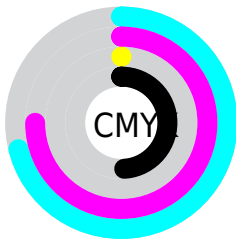
Distribution







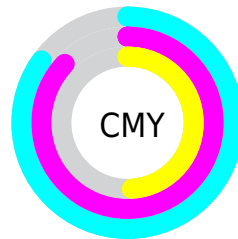
-  Red (15%)
-  Green (13%)
-  Blue (51%)






-  Red (15%)
-  Yellow (13%)
-  Blue (51%)



-  Cyan (71%)
-  Magenta (75%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (87%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280688770 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 4280688770 by changing the saturation by 10% instead.

 4280688770

 4280688770

4294967295

 4278192744

 4284567224

 4278190160

 4286408404

 4278191415

 4288249841

 4278190625

 4290157311

 4278190086

 4292064767

 4278190080

 4293972223

 4294962687

 4280688770

 4280688770

■ 4279899010

■ 4281478530

■ 4279109250

■ 4282268290

■ 4278714498

■ 4283123586

■ 4283913346

■ 4284703106

■ 4285492866

■ 4286282626

■ 4287137922

■ 4287927682

Harmonies

Analogous

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



4278204306



4280688770



4285071452

Triad

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



4280688770



4284291584



4278206773

Complementary

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



4280688770



4286349856

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.



4278206208



4280688770



4281938176

Square

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



4280688770



4285923328



4278205184



4278207076

Rectangle

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



4280688770



4286119998



4278205184



4278206756

Sweetspot

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



4280688770



4286874280



4280319362



4282269012



4292138196



4283716692

Same Dimension

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



4280688770



4279898536



4283834498



4282005824



4278714496



4278190080

Inverse Universe

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



4286718076



4289204639



4283204128



4282399039



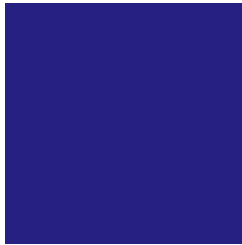
4286578808



4278190080

Previews

White Background



This preview shows how the Android color 4280688770 looks on a white background.

Color Contrast Check

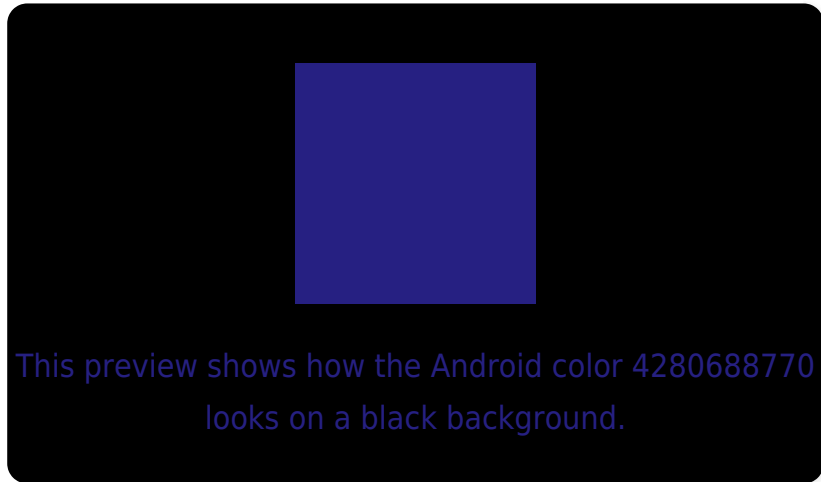
Large Text (above 18pt) WCAG AA ✓ Pass

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

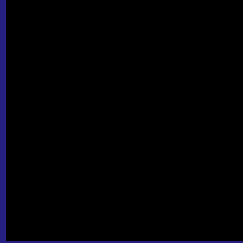
Any Text WCAG AA × Fail

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 4280688770 Background



This preview shows how black text looks on a background with the Android color 4280688770.



This preview shows how white text looks on a background with the Android color 4280688770.

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
4280688770

Protanopia
4278202468

Deuteranopia
4278203222

Trichromacy



Original Color
4280688770

Protanomaly
4279118447

Deuteranomaly
4279118950

Monochromacy



Original Color
4280688770

Achromatopsia
4281150765

Achromatomaly
4280952908

CSS Examples

Text

The CSS property to change the color of the text to Android 4280688770 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(38, 32, 130)` looks like.

```
.text, #text, p{  
    color:rgb(38, 32, 130)  
}
```

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(38, 32, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 32, 130) }
```

Border

The CSS property to change the border of an element to Android 4280688770 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(38, 32, 130) }
```

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

```
.border{ border-color:rgb(38, 32, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 32, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 32, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 32, 130);  
box-shadow:4px 4px 4px 4px rgb(38, 32,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4280688770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 32, 130) }
```

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

```
.background{ background-color: rgb(38, 32,  
130) }
```

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