

Converting Colors

Android(4281870729)

Have a look what the booklet for
Android(4281870729) contains.

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Color

Android(4281870729)

Conversions

Conversions Part 1

Format	Color
Hex	382989
RGB	56, 41, 137
RGB Percent	22%, 16%, 54%
CMY	0.7804, 0.8392, 0.4627
CMYK	0.59, 0.70, 0.00, 0.46
HSL	249°, 54%, 35%
HSV	249°, 70%, 54%
XYZ	6.9392, 4.2328, 24.1182
YIQ	56.4290, -21.8760, 33.0360

Conversions

Conversions Part 2

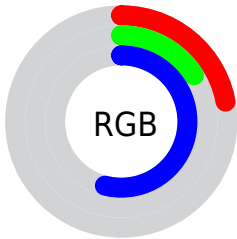
Format	Color
R_{YB}	56, 41, 137
Decimal	3680649
CIE _{Lab}	24.43, 34.72, -51.31
CIE _{LCh}	24, 61.955, 304.087
Yxy	4.2328, 0.1966, 0.1199
Android (android.graphics.Color)	4281870729 (0xFF382989)
YUV	56.4290, 39.7215, -0.3762
Hunter-Lab	20.5737, 24.2012, -55.1030

Details

The Android color **4281870729** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286220585**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4285552831**, and **4278190166** is the 20% darker color. If you saturate the color by 10%, you get **4281080713**, and if you desaturate by 10%, it is **4282660745**.

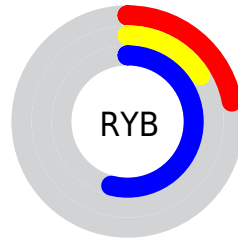
Distribution



 Red (22%)

 Green (16%)

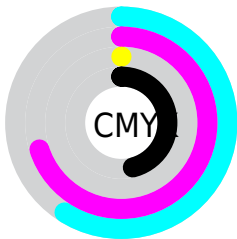
 Blue (54%)




 Red (22%)

 Yellow (16%)

 Blue (54%)

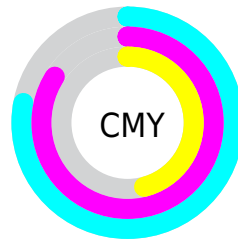


 Cyan (59%)

 Magenta (70%)

 Yellow (0%)

 Black (46%)



 Cyan (78%)

 Magenta (84%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281870729 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 4281870729 by changing the saturation by 10% instead.

■ 4281870729

■ 4281870729

4294967295

■ 4279767919

■ 4285552831

■ 4278190166

■ 4287328732

■ 4278190142

■ 4289235704

■ 4278190887

■ 4291077631

■ 4278190352

■ 4292985087

■ 4278190080

■ 4294958335

■ 4294965759

■ 4281870729

■ 4281870729

■ 4281080713

■ 4282660745

■ 4280356489

■ 4283384969

■ 4279566473

■ 4284174985

■ 4284899465

■ 4285689481

■ 4286413705

■ 4287203721

■ 4287928201

■ 4288717961

Harmonies

Analogous

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



4278206362



4281870729



4285792356

Triad

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



4281870729



4284950016



4278209344

Complementary

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



4281870729



4286220585

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.



4278209035



4281870729



4282596096

Square

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



4281870729



4286578694



4278600960



4278209646

Rectangle

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



4281870729



4286775365



4278600960



4278209327

Sweetspot

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



4281870729



4287860147



4280908681



4282794841



4292467161



4284045657

Same Dimension

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



4281870729



4281605555



4284950921



4282334789



4279566469



4278255621

Inverse Universe

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



4287179130



4289928603



4283140393



4282728004



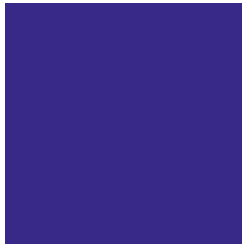
4286906480



4278517764

Previews

White Background



This preview shows how the Android color 4281870729 looks on a white background.

Color Contrast Check

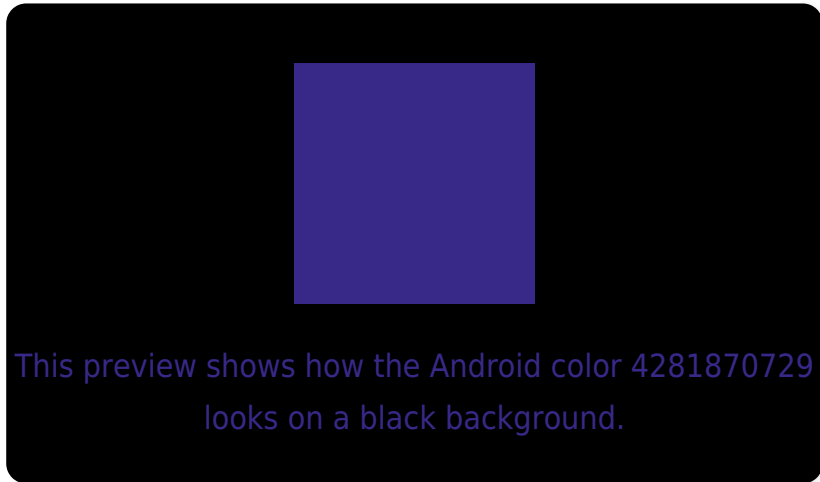
Large Text (above 18pt) WCAG AA ✓ Pass

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

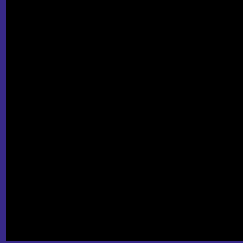
Any Text WCAG AA × Fail

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 4281870729 Background



This preview shows how black text looks on a background with the Android color 4281870729.



This preview shows how white text looks on a background with the Android color 4281870729.

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

4281870729

Protanopia

4278204535

Deuteranopia

4278205542

Trichromacy



Original Color
4281870729

Protanomaly
4279513982

Deuteranomaly
4279514483

Tritanomaly
4280629342

Monochromacy



Original Color
4281870729

Achromatopsia
4281874488

Achromatomaly
4281873237

CSS Examples

Text

The CSS property to change the color of the text to Android 4281870729 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(56, 41, 137)` looks like.

```
.text, #text, p{  
    color:rgb(56, 41, 137)  
}
```

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(56, 41, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 41, 137) }
```

Border

The CSS property to change the border of an element to Android 4281870729 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(56, 41, 137) }
```

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

```
.border{ border-color:rgb(56, 41, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 41, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 41, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 41, 137);  
box-shadow:4px 4px 4px 4px rgb(56, 41,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4281870729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 41, 137) }
```

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

```
.background{ background-color: rgb(56, 41,  
137) }
```

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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