

Converting Colors

Android(4281998985)

Have a look what the booklet for
Android(4281998985) contains.

Android(4281998985)	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(4281998985)

Conversions

Conversions Part 1

Format	Color
Hex	3A1E89
RGB	58, 30, 137
RGB Percent	23%, 12%, 54%
CMY	0.7725, 0.8824, 0.4627
CMYK	0.58, 0.78, 0.00, 0.46
HSL	256°, 64%, 33%
HSV	256°, 78%, 54%
XYZ	6.7246, 3.6342, 24.0140
YIQ	50.5700, -17.6590, 39.2130

Conversions

Conversions Part 2

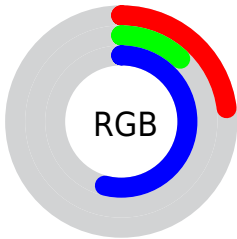
Format	Color
RYB	58, 30, 137
Decimal	3808905
CIELab	22.42, 41.18, -54.59
CIElCh	22, 68.379, 307.029
Yxy	3.6342, 0.1956, 0.1057
Android (android.graphics.Color)	4281998985 (0xFF3A1E89)
YUV	50.5700, 42.6100, 6.5161
Hunter-Lab	19.0637, 29.6031, -61.3414

Details

The Android color **4281998985** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4285368606**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285681343**, and **4278190166** is the 20% darker color. If you saturate the color by 10%, you get **4281340041**, and if you desaturate by 10%, it is **4282657929**.

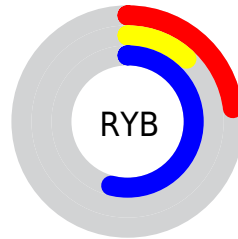
Distribution



Red (23%)

Green (12%)

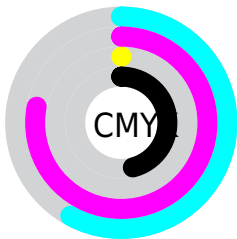
Blue (54%)



Red (23%)

Yellow (12%)

Blue (54%)

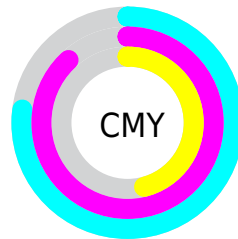


Cyan (58%)

Magenta (78%)

Yellow (0%)

Black (46%)



Cyan (77%)

Magenta (88%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281998985 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 4281998985 by changing the saturation by 10% instead.



4281998985



4281998985

4294967295



4279829871



4285681343



4278190166



4287522780



4278190142



4289429753



4278190887



4291271679



4278190352



4293179135



4278190080



4294955775



4294962943



4281998985



4281998985

■ 4281340041

■ 4282657929

■ 4280681353

■ 4283316617

■ 4280549513

■ 4283975561

■ 4284634505

■ 4285358985

■ 4286017673

■ 4286676617

■ 4287335561

■ 4287994249

Harmonies

Analogous

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



4278205086



4281998985



4285988958

Triad

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



4281998985



4284555776



4278208321

Complementary

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



4281998985



4285368606

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.



4278208006



4281998985



4281874432

Square

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



4281998985



4286447616



4278206976



4278208627

Rectangle

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



4281998985



4286906429



4278206976



4278208303

Sweetspot

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



4281998985



4287924659



4280184457



4282859609



4292467161



4284045657

Same Dimension

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



4281998985



4281797555



4285406857



4282400325



4280483973



4278255621

Inverse Universe

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



4287176301



4289923975



4281960734



4282728003



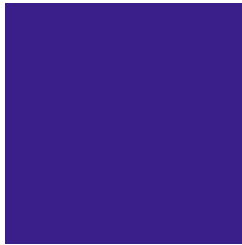
4286906466



4278517764

Previews

White Background



This preview shows how the Android color 4281998985 looks on a white background.

Color Contrast Check

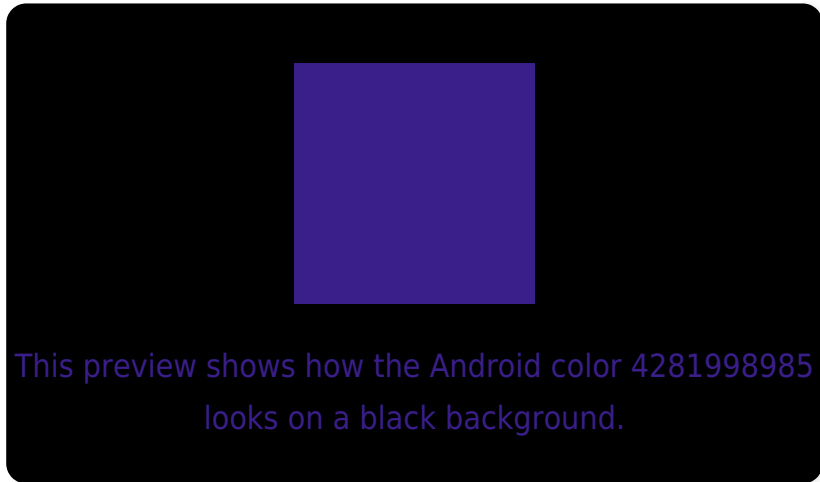
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281998985 Background



This preview shows how black text looks on a background with the Android color 4281998985.



This preview shows how white text looks on a background with the Android color 4281998985.

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
4281998985

Protanopia
4278203502

Deuteranopia
4278204510

Trichromacy



Original Color
4281998985

Protanomaly
4279577720

Deuteranomaly
4279578478

Tritanomaly
4280758363

Monochromacy



Original Color
4281998985

Achromatopsia
4281545523

Achromatomaly
4281740114

CSS Examples

Text

The CSS property to change the color of the text to Android 4281998985 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(58, 30, 137)` looks like.

```
.text, #text, p{  
    color:rgb(58, 30, 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(58, 30, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 30, 137) }
```

Border

The CSS property to change the border of an element to Android 4281998985 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(58, 30, 137) }
```

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

```
.border{ border-color:rgb(58, 30, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 30, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 30, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 30, 137);  
box-shadow:4px 4px 4px 4px rgb(58, 30,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4281998985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 30, 137) }
```

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

```
.background{ background-color: rgb(58, 30,  
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](#).

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