

Converting Colors

Android(4281737894)

Have a look what the booklet for
Android(4281737894) contains.

Android(4281737894)	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(4281737894)

Conversions

Conversions Part 1

Format	Color
Hex	3622A6
RGB	54, 34, 166
RGB Percent	21%, 13%, 65%
CMY	0.7882, 0.8667, 0.3490
CMYK	0.67, 0.80, 0.00, 0.35
HSL	249°, 66%, 39%
HSV	249°, 80%, 65%
XYZ	8.9763, 4.6815, 36.5069
YIQ	55.0280, -30.4520, 45.2920

Conversions

Conversions Part 2

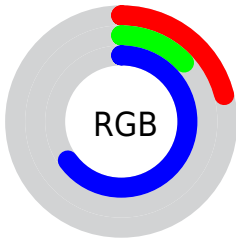
Format	Color
RYB	54, 34, 166
Decimal	3547814
CIELab	25.81, 47.49, -66.86
CIELCh	26, 82.011, 305.387
Yxy	4.6815, 0.1789, 0.0933
Android (android.graphics.Color)	4281737894 (0xFF3622A6)
YUV	55.0280, 54.7092, -0.9016
Hunter-Lab	21.6368, 36.1886, -84.8920




Details

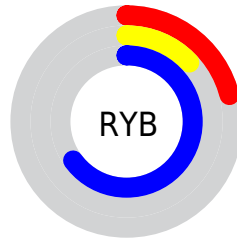
The Android color **4281737894** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4287800866**, and the grayscale version is **4281808695**.




A 20% lighter version of the original color is **4285813470**, and **4278190193** is the 20% darker color. If you saturate the color by 10%, you get **4280816038**, and if you desaturate by 10%, it is **4282659750**.

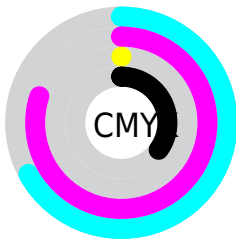
Distribution







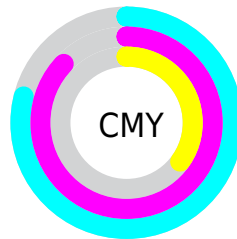
-  Red (21%)
-  Green (13%)
-  Blue (65%)






-  Red (21%)
-  Yellow (13%)
-  Blue (65%)



-  Cyan (67%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (35%)





-  Cyan (79%)
-  Magenta (87%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281737894 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 4281737894 by changing the saturation by 10% instead.

 4281737894

 4281737894

4294967295

 4278388875

 4285813470


 4278190193

 4287786235

 4278190167

 4289693439

 4278191679

 4291666175

 4278190888


 4293639423

 4278190354

 4294957311

 4278190080

 4294964735

 4281737894

 4281737894

■ 4280816038

■ 4282659750

■ 4279894438

■ 4283581350

■ 4279828646

■ 4284503206

■ 4285424806

■ 4286346662

■ 4287334054

■ 4288255654

■ 4289177510

■ 4290099110

Harmonies

Analogous

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



4278207934



4281737894



4287234163

Triad

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



4281737894



4285735168



4278211144

Complementary

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



4281737894



4287800866

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.



4278210560



4281737894



4282531584

Square

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



4281737894



4287954944



4278209280



4278211462

Rectangle

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



4281737894



4288479306



4278209280



4278210865

Sweetspot

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



4281737894



4289570265



4280455846



4283649646



4293783021



4285427310

Same Dimension

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



4281737894



4280945625



4286063270



4283255892



4279632020



4278386708

Inverse Universe

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



4289077906



4292414394



4283475490



4283714643



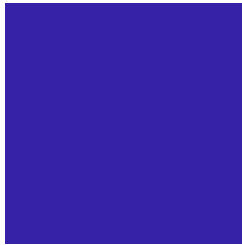
4287889533



4279500817

Previews

White Background



This preview shows how the Android color 4281737894 looks on a white background.

Color Contrast Check

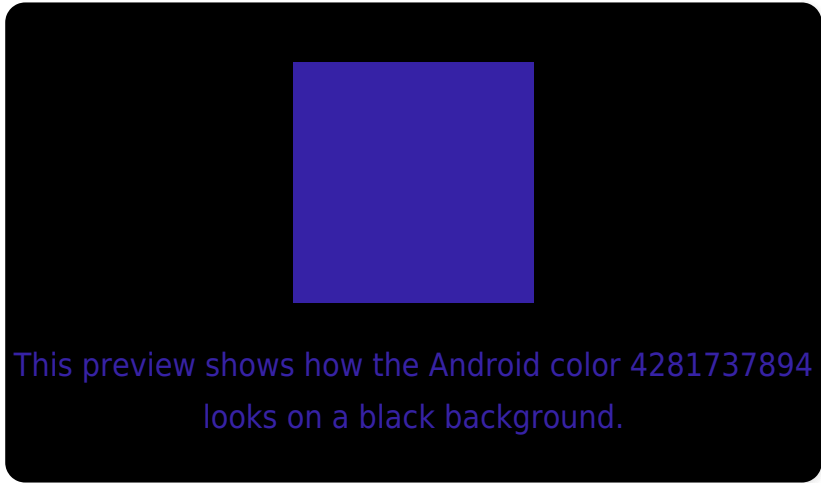
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281737894 Background



This preview shows how black text looks on a background with the Android color 4281737894.



This preview shows how white text looks on a background with the Android color 4281737894.

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

4281737894

Protanopia

4278205309

Deuteranopia

4278206314

Trichromacy



Original Color
4281737894

Protanomaly
4279513740

Deuteranomaly
4279514240

Tritanomaly
4279515243

Monochromacy



Original Color
4281737894

Achromatopsia
4281808695

Achromatomaly
4281806687

CSS Examples

Text

The CSS property to change the color of the text to Android 4281737894 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(54, 34, 166)` looks like.

```
.text, #text, p{  
    color:rgb(54, 34, 166)  
}
```

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(54, 34, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 34, 166) }
```

Border

The CSS property to change the border of an element to Android 4281737894 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(54, 34, 166) }
```

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

```
.border{ border-color:rgb(54, 34, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 34, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 34, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 34, 166);  
box-shadow:4px 4px 4px 4px rgb(54, 34,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4281737894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 34, 166) }
```

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

```
.background{ background-color: rgb(54, 34,  
166) }
```

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