

Converting Colors

Android(4281083798)

Have a look what the booklet for
Android(4281083798) contains.

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Color

Android(4281083798)

Conversions

Conversions Part 1

Format	Color
Hex	2C2796
RGB	44, 39, 150
RGB Percent	17%, 15%, 59%
CMY	0.8275, 0.8471, 0.4118
CMYK	0.71, 0.74, 0.00, 0.41
HSL	243°, 59%, 37%
HSV	243°, 74%, 59%
XYZ	7.2692, 4.1885, 29.2795
YIQ	53.1490, -32.6510, 35.5810

Conversions

Conversions Part 2

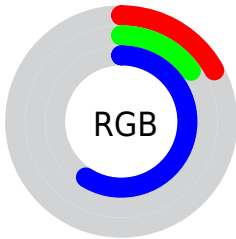
Format	Color
R_{YB}	44, 39, 150
Decimal	2893718
CIE _{Lab}	24.29, 38.59, -59.63
CIE _{LCh}	24, 71.033, 302.910
Yxy	4.1885, 0.1784, 0.1028
Android (android.graphics.Color)	4281083798 (0xFF2C2796)
YUV	53.1490, 47.7475, -8.0237
Hunter-Lab	20.4659, 27.5859, -70.4971

Details

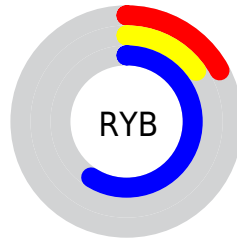
The Android color **4281083798** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287731239**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4285093581**, and **4278190178** is the 20% darker color. If you saturate the color by 10%, you get **4280162454**, and if you desaturate by 10%, it is **4282005142**.

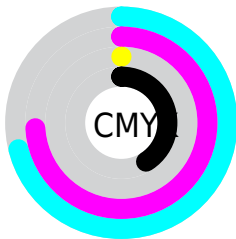
Distribution



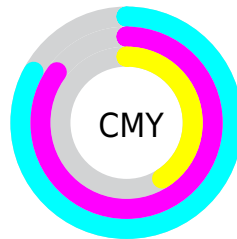
- Red (17%)
- Green (15%)
- Blue (59%)



- Red (17%)
- Yellow (15%)
- Blue (59%)



- Cyan (71%)
- Magenta (74%)
- Yellow (0%)
- Black (41%)





- Cyan (83%)
- Magenta (85%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281083798 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 4281083798 by changing the saturation by 10% instead.

 4281083798

 4281083798

4294967295

 4278194555

 4285093581

 4278190178

 4287000298

 4278190153

 4288907519

 4278191153

 4290814975

 4278190364

 4292722431

 4278190080

 4294695679

 4294964991

 4281083798

 4281083798

■ 4280162454

■ 4282005142

■ 4279175574

■ 4282992022

■ 4278648982

■ 4283913366

■ 4284834710

■ 4285821590

■ 4286742934

■ 4287664278

■ 4288651158

■ 4289572502

Harmonies

Analogous

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



4278206888



4281083798



4286120044

Triad

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



4281083798



4285276160



4278209598

Complementary

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



4281083798



4287731239

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.



4278209024



4281083798



4282595840

Square

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



4281083798



4287102976



4278208000



4278209908

Rectangle

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



4281083798



4287365193



4278208000



4278209579

Sweetspot

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



4281083798



4288255938



4280783510



4282992737



4292927712



4284572001

Same Dimension

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



4281083798



4280096194



4284622742



4282598218



4278583434



4278190090

Inverse Universe

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



4288030609



4290909626



4284192295



4283056970



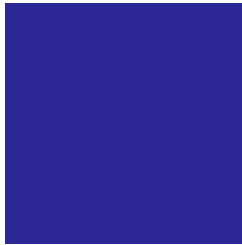
4287234179



4278845450

Previews

White Background



This preview shows how the Android color 4281083798 looks on a white background.

Color Contrast Check

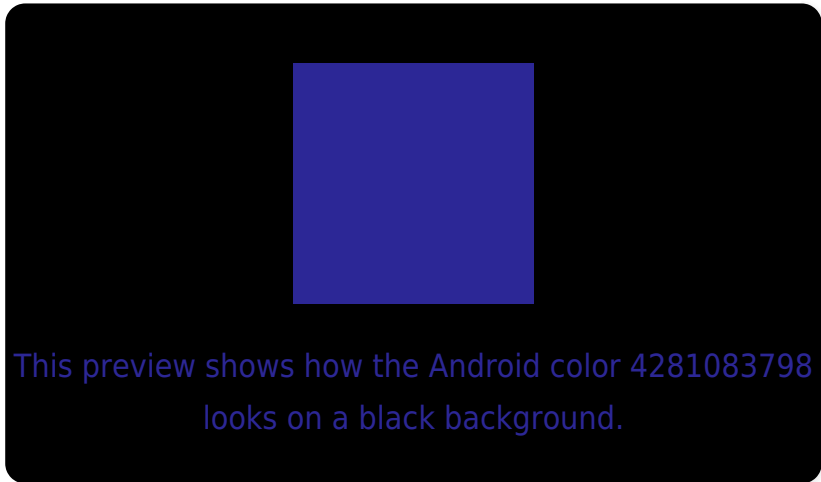
Large Text (above 18pt) WCAG AA ✓ Pass

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

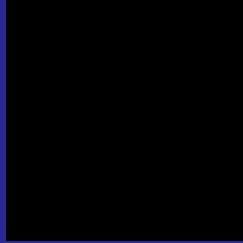
Any Text WCAG AA × Fail

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 4281083798 Background



This preview shows how black text looks on a background with the Android color 4281083798.



This preview shows how white text looks on a background with the Android color 4281083798.

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
4281083798

Protanopia
4278204534

Deuteranopia
4278205541

Trichromacy



Original Color

4281083798

Protanomaly

4279251586

Deuteranomaly

4279252087

Monochromacy



Original Color

4281083798

Achromatopsia

4281677109

Achromatomaly

4281479256

CSS Examples

Text

The CSS property to change the color of the text to Android 4281083798 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(44, 39, 150)` looks like.

```
.text, #text, p{  
    color:rgb(44, 39, 150)  
}
```

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(44, 39, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 39, 150) }
```

Border

The CSS property to change the border of an element to Android 4281083798 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(44, 39, 150) }
```

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

```
.border{ border-color:rgb(44, 39, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 39, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 39, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 39, 150);  
box-shadow:4px 4px 4px 4px rgb(44, 39,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4281083798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 39, 150) }
```

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

```
.background{ background-color: rgb(44, 39,  
150) }
```

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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