

Converting Colors

Android(4281538398)

Have a look what the booklet for
Android(4281538398) contains.

Android(4281538398)	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(4281538398)

Conversions

Conversions Part 1

Format	Color
Hex	33175E
RGB	51, 23, 94
RGB Percent	20%, 9%, 37%
CMY	0.8000, 0.9098, 0.6314
CMYK	0.46, 0.76, 0.00, 0.63
HSL	264°, 61%, 23%
HSV	264°, 76%, 37%
XYZ	3.6920, 2.1248, 10.8052
YIQ	39.4660, -6.1030, 28.0170

Conversions

Conversions Part 2

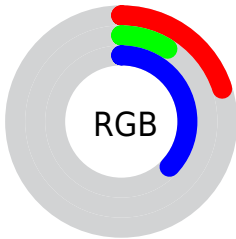
Format	Color
R_{YB}	51, 23, 94
Decimal	3348318
CIE Lab	16.13, 30.85, -37.20
CIE LCh	16, 48.327, 309.667
Yxy	2.1248, 0.2221, 0.1278
Android (android.graphics.Color)	4281538398 (0xFF33175E)
YUV	39.4660, 26.8853, 10.1153
Hunter-Lab	14.5765, 19.7025, -33.7466

Details

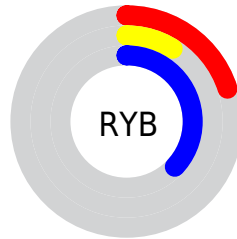
The Android color **4281538398** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282539543**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4284892561**, and **4278190127** is the 20% darker color. If you saturate the color by 10%, you get **4281142878**, and if you desaturate by 10%, it is **4281933918**.

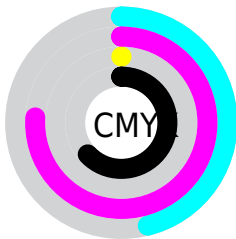
Distribution



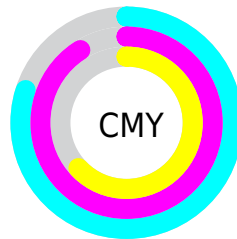
- Red (20%)
- Green (9%)
- Blue (37%)



- Red (20%)
- Yellow (9%)
- Blue (37%)



- Cyan (46%)
- Magenta (76%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (91%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281538398 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 4281538398 by changing the saturation by 10% instead.

4281538398

4281538398

4294967295

4279894342

4284892561

4278190127

4286602668

4278190361

4288378568

4278190080

4290220260

4292062207

4293969663

4294959871

4281538398

4281538398

■ 4281142878

■ 4281933918

■ 4280812638

■ 4282264158

■ 4280615006

■ 4282659678

■ 4283055454

■ 4283385438

■ 4283780958

■ 4284176734

■ 4284572254

■ 4284902494

Harmonies

Analogous

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



4278200941



4281538398



4283891777

Triad

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



4281538398



4282719488



4278203699

Complementary

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



4281538398



4282539543

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.



4278203405



4281538398



4280887808

Square

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



4281538398



4284022784



4278202624



4278203732

Rectangle

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



4281538398



4284481578



4278202624



4278203687

Sweetspot

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



4281538398



4285095546



4279714654



4281543741



4290624957



4282203453

Same Dimension

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



4281538398



4281797498



4283832158



4281018670



4281008238



4284350701

Inverse Universe

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



4284356418



4286188366



4280245783



4281215276



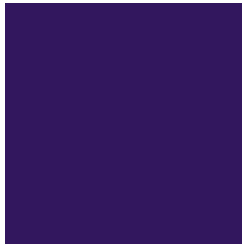
4285399106



4293722256

Previews

White Background



This preview shows how the Android color 4281538398 looks on a white background.

Color Contrast Check

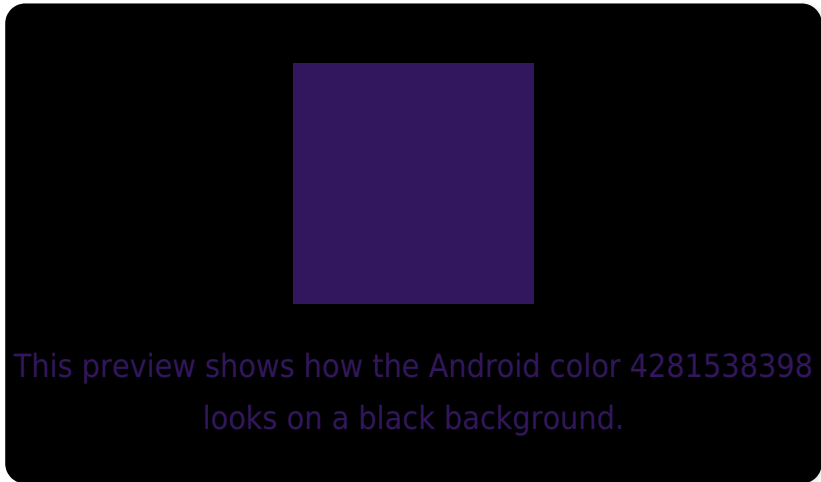
Large Text (above 18pt) WCAG AA ✓ Pass

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

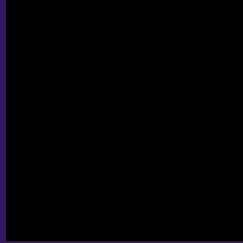
Any Text WCAG AA × Fail

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 4281538398 Background



This preview shows how black text looks on a background with the Android color 4281538398.



This preview shows how white text looks on a background with the Android color 4281538398.

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
4281538398

Protanopia
4278200404

Deuteranopia
4278200904

Trichromacy



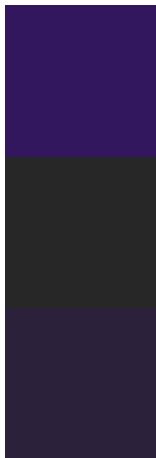
Original Color
4281538398

Protanomaly
4279444056

Deuteranomaly
4279444304

Tritanomaly
4281016895

Monochromacy



Original Color
4281538398

Achromatopsia
4280756007

Achromatomaly
4281016635

CSS Examples

Text

The CSS property to change the color of the text to Android 4281538398 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(51, 23, 94)` looks like.

```
.text, #text, p{  
    color:rgb(51, 23, 94)  
}
```

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(51, 23, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 23, 94) }
```

Border

The CSS property to change the border of an element to Android 4281538398 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(51, 23, 94) }
```

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

```
.border{ border-color:rgb(51, 23, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 23, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 23, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 23, 94);  
box-shadow:4px 4px 4px 4px rgb(51, 23, 94)  
}
```

Background

The CSS property to change the background color of an element to Android 4281538398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 23, 94) }
```

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

```
.background{ background-color: rgb(51, 23,  
94) }
```

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