

Converting Colors

Android(4281204858)

Have a look what the booklet for
Android(4281204858) contains.

Android(4281204858)	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(4281204858)

Conversions

Conversions Part 1

Format	Color
Hex	2E007A
RGB	46, 0, 122
RGB Percent	18%, 0%, 48%
CMY	0.8196, 1.0000, 0.5216
CMYK	0.62, 1.00, 0.00, 0.52
HSL	263°, 100%, 24%
HSV	263°, 100%, 48%
XYZ	4.6396, 1.9860, 18.5512
YIQ	27.6620, -11.7460, 47.6940

Conversions

Conversions Part 2

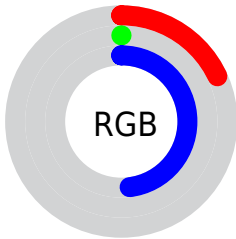
Format	Color
R_{YB}	46, 0, 122
Decimal	3014778
CIE _{Lab}	15.41, 47.33, -56.71
CIE _{LCh}	15, 73.868, 309.846
Yxy	1.9860, 0.1843, 0.0789
Android (android.graphics.Color)	4281204858 (0xFF2E007A)
YUV	27.6620, 46.5086, 16.0824
Hunter-Lab	14.0925, 34.1044, -68.1838

Details

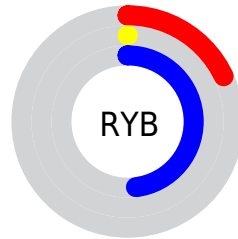
The Android color **4281204858** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4283202048**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4285019824**, and **4278190152** is the 20% darker color. If you saturate the color by 10%, you get **4281204858**, and if you desaturate by 10%, it is **4281732218**.

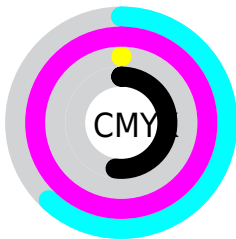
Distribution



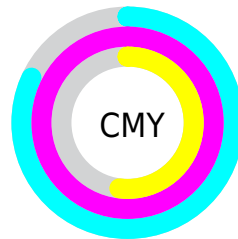
- Red (18%)
- Green (0%)
- Blue (48%)



- Red (18%)
- Yellow (0%)
- Blue (48%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)





- Cyan (82%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281204858 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 4281204858 by changing the saturation by 10% instead.

 4281204858

 4281204858

 4294963967

 4278648928

 4285019824

 4278190152

 4286795724

 4278191152

 4288702952

 4278190362


 4290544639

 4278190080

 4292517631

 4294425087

 4294956543

 4281204858

■ 4281732218

■ 4282194042

■ 4282721658

■ 4283183482

■ 4283710842

■ 4284238202

■ 4284700026

■ 4285227642

■ 4285689466

Harmonies

Analogous

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



4278201491



4281204858



4285202508

Triad

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



4281204858



4283175680



4278204471

Complementary

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



4281204858



4283202048

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.



4278203904



4281204858



4280363520

Square

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



4281204858



4285136896



4278203136



4278204779

Rectangle

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



4281204858



4285988906



4278203136



4278204197

Sweetspot

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



4281204858



4286672798



4278209914



4282200911



4291809231



4283387727

Same Dimension

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



4281204858



4282122398



4285137018



4281939773



4281270397



4284416252

Inverse Universe

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



4286185548



4288544866



4279269888



4282201915



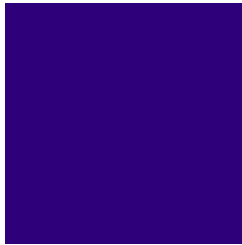
4286382158



4294705309

Previews

White Background



This preview shows how the Android color 4281204858 looks on a white background.

Color Contrast Check

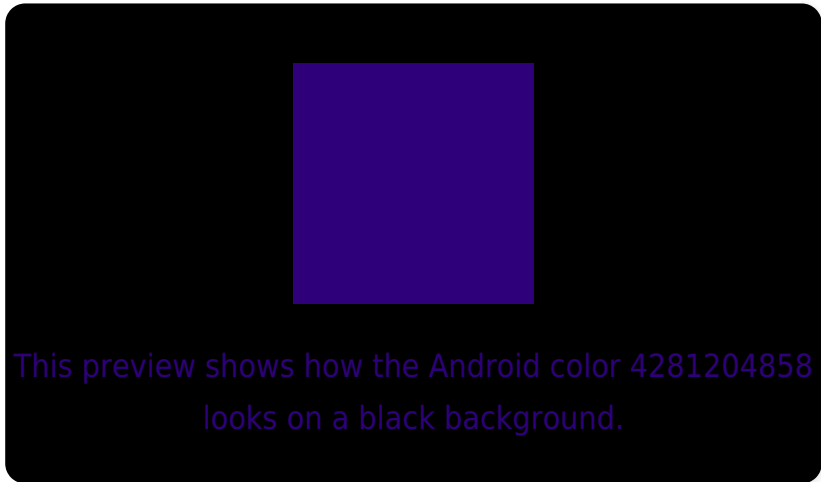
Large Text (above 18pt) WCAG AA ✓ Pass

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

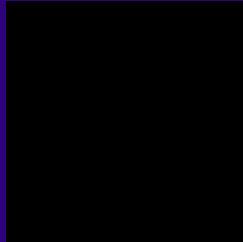
Any Text WCAG AA × Fail

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 4281204858 Background



This preview shows how black text looks on a background with the Android color 4281204858.



This preview shows how white text looks on a background with the Android color 4281204858.

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

4281204858

Protanopia

4278200662

Deuteranopia

4278201417

Trichromacy



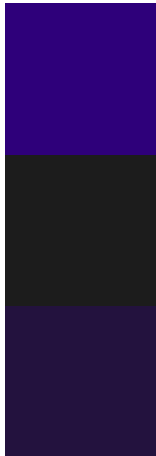
Original Color
4281204858

Protanomaly
4279310947

Deuteranomaly
4279311451

Tritanomaly
4279311949

Monochromacy



Original Color
4281204858

Achromatopsia
4280032284

Achromatomaly
4280488510

CSS Examples

Text

The CSS property to change the color of the text to Android 4281204858 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(46, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(46, 0, 122)  
}
```

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(46, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 122) }
```

Border

The CSS property to change the border of an element to Android 4281204858 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(46, 0, 122) }
```

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

```
.border{ border-color:rgb(46, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(46, 0, 122)  
}
```

Background

The CSS property to change the background color of an element to Android 4281204858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 122) }
```

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

```
.background{ background-color: rgb(46, 0,  
122) }
```

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