

Converting Colors

Android(4283170858)

Have a look what the booklet for
Android(4283170858) contains.

Android(4283170858)	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(4283170858)

Conversions

Conversions Part 1

Format	Color
Hex	4C002A
RGB	76, 0, 42
RGB Percent	30%, 0%, 16%
CMY	0.7020, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.45, 0.70
HSL	327°, 100%, 15%
HSV	327°, 100%, 30%
XYZ	3.3984, 1.7037, 2.3402
YIQ	27.5120, 31.8140, 29.1740

Conversions

Conversions Part 2

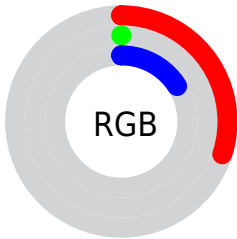
Format	Color
R_{YB}	76, 0, 42
Decimal	4980778
CIE _{Lab}	13.85, 36.06, -4.14
CIE _{LCh}	14, 36.302, 353.445
Yxy	1.7037, 0.4566, 0.2289
Android (android.graphics.Color)	4283170858 (0xFF4C002A)
YUV	27.5120, 7.1426, 42.5240
Hunter-Lab	13.0525, 23.6334, -1.4935

Details

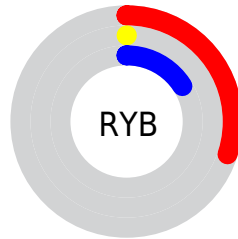
The Android color **4283170858** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278209570**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4286658135**, and **4279566336** is the 20% darker color. If you saturate the color by 10%, you get **4283170858**, and if you desaturate by 10%, it is **4283172909**.

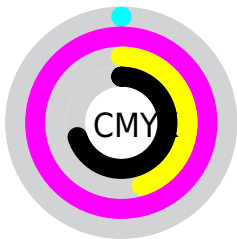
Distribution



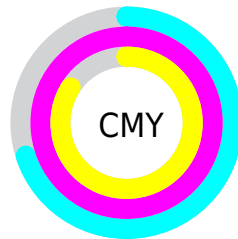
- Red (30%)
- Green (0%)
- Blue (16%)



- Red (30%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283170858 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 4283170858 by changing the saturation by 10% instead.

 4283170858

 4283170858

 4294963711

 4281597974

 4286658135

 4279566336

 4288434032

 4278190080

 4290275465

 4292117155

 4294024638

 4294949082

 4294956278

 4283170858

■ 4283172909

■ 4283174705

■ 4283176756

■ 4283178552

■ 4283180603

■ 4283182654

■ 4283184450

■ 4283186501

■ 4283188297

Harmonies

Analogous

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



4282060866



4283170858



4283302672

Triad

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



4283170858



4279904256



4278201676

Complementary

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



4283170858



4278209570

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.



4278201911



4283170858



4278201344

Square

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



4283170858



4281475072



4278201885



4278200406

Rectangle

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



4283170858



4282912256



4278201885



4278201670

Sweetspot

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



4283170858



4284696150



4280352844



4281540907



4289967027



4281545523

Same Dimension

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



4283170858



4284678199



4283170821



4280689189



4284874808



4293263487

Inverse Universe

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



4283170858



4284678199



4278209607



4280689189



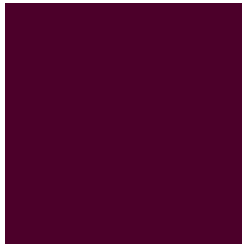
4284874808



4293263487

Previews

White Background



This preview shows how the Android color 4283170858 looks on a white background.

Color Contrast Check

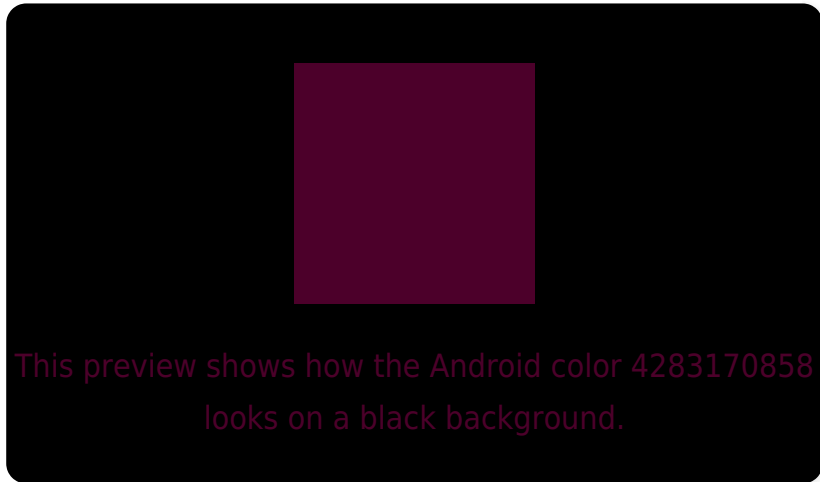
Large Text (above 18pt) WCAG AA ✓ Pass

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

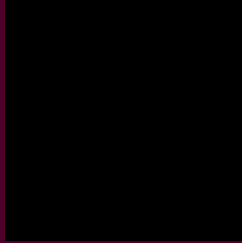
Any Text WCAG AA × Fail

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 4283170858 Background



This preview shows how black text looks on a background with the Android color 4283170858.



This preview shows how white text looks on a background with the Android color 4283170858.

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

4283170858

Protanopia

4280297276

Deuteranopia

4281083687

Trichromacy



Original Color
4283170858

Protanomaly
4281342261

Deuteranomaly
4281866536

Tritanomaly
4283108122

Monochromacy



Original Color
4283170858

Achromatopsia
4280032284

Achromatomaly
4281143841

CSS Examples

Text

The CSS property to change the color of the text to Android 4283170858 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(76, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 42)  
}
```

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(76, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 42) }
```

Border

The CSS property to change the border of an element to Android 4283170858 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(76, 0, 42) }
```

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

```
.border{ border-color:rgb(76, 0, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 42); box-shadow:4px  
4px 4px 4px rgb(76, 0, 42) }
```

Background

The CSS property to change the background color of an element to Android 4283170858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 42) }
```

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

```
.background{ background-color: rgb(76, 0,  
42) }
```

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