

Converting Colors

Android(4285801830)

Have a look what the booklet for
Android(4285801830) contains.

Android(4285801830)	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(4285801830)

Conversions

Conversions Part 1

Format	Color
Hex	742566
RGB	116, 37, 102
RGB Percent	45%, 15%, 40%
CMY	0.5451, 0.8549, 0.6000
CMYK	0.00, 0.68, 0.12, 0.55
HSL	311°, 52%, 30%
HSV	311°, 68%, 45%
XYZ	10.2623, 5.9954, 13.1867
YIQ	68.0310, 26.2190, 36.9630

Conversions

Conversions Part 2

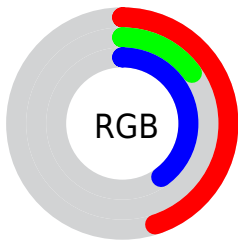
Format	Color
R_{YB}	116, 37, 102
Decimal	7611750
CIE _{Lab}	29.40, 42.39, -20.67
CIE _{LCh}	29, 47.167, 334.004
Yxy	5.9954, 0.3485, 0.2036
Android (android.graphics.Color)	4285801830 (0xFF742566)
YUV	68.0310, 16.7467, 42.0688
Hunter-Lab	24.4856, 31.9623, -14.7907

Details

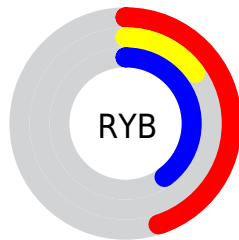
The Android color **4285801830** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4280644659**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4289353881**, and **4282384439** is the 20% darker color. If you saturate the color by 10%, you get **4285798756**, and if you desaturate by 10%, it is **4285804904**.

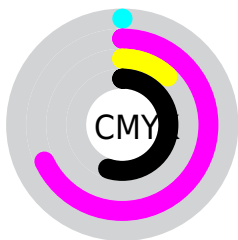
Distribution



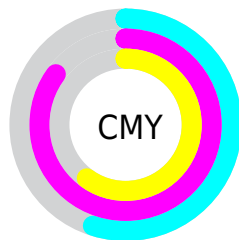
- Red (45%)
- Green (15%)
- Blue (40%)



- Red (45%)
- Yellow (15%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (12%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285801830 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 4285801830 by changing the saturation by 10% instead.

 4285801830


 4285801830

4294967295

 4284089934

 4289353881

 4282384439

 4291195572

 4281008162

 4293103056

 4278190086

 4294945004

 4278190080

 4294952191

 4294959359

 4294966783

 4285801830

 4285801830

■ 4285798756

■ 4285804904

■ 4285795938

■ 4285807722

■ 4285792864

■ 4285810796

■ 4285792351

■ 4285813614

■ 4285816688

■ 4285819762

■ 4285822580

■ 4285825654

■ 4285828473

Harmonies

Analogous

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



4283054466



4285801830



4286847298

Triad

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



4285801830



4283516160



4278211949

Complementary

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



4285801830



4280644659

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.



4278211913



4285801830



4280962560

Square

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



4285801830



4285413120



4278211363



4278210951

Rectangle

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



4285801830



4286848554



4278211363



4278211938

Sweetspot

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



4285801830



4288051345



4281476468



4283251273



4291611852



4283256141

Same Dimension

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



4285801830



4288027521



4285801791



4282070330



4286185573



4294574286

Inverse Universe

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



4285801830



4288027521



4280644698



4282070330



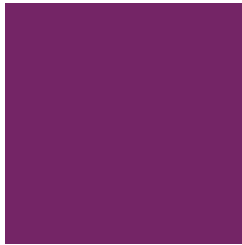
4286185573



4294574286

Previews

White Background



This preview shows how the Android color 4285801830 looks on a white background.

Color Contrast Check

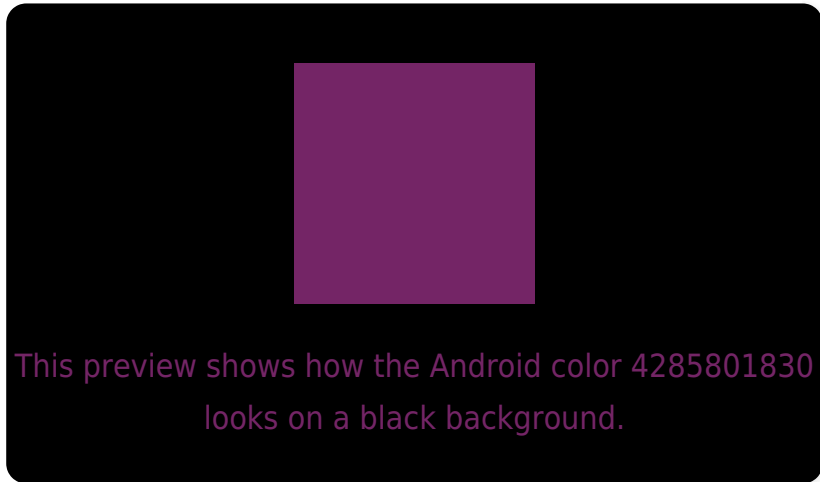
Large Text (above 18pt) WCAG AA ✓ Pass

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

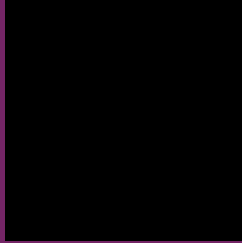
Any Text WCAG AA × Fail

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 4285801830 Background



This preview shows how black text looks on a background with the Android color 4285801830.



This preview shows how white text looks on a background with the Android color 4285801830.

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
4285801830

Protanopia
4280829057

Deuteranopia
4282271329

Trichromacy



Original Color
4285801830

Protanomaly
4282661239

Deuteranomaly
4283578979

Tritanomaly
4285607496

Monochromacy



Original Color
4285801830

Achromatopsia
4282664004

Achromatomaly
4283775312

CSS Examples

Text

The CSS property to change the color of the text to Android 4285801830 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(116, 37, 102)` looks like.

```
.text, #text, p{  
    color:rgb(116, 37, 102)  
}
```

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(116, 37, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 37, 102) }
```

Border

The CSS property to change the border of an element to Android 4285801830 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(116, 37, 102) }
```

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

```
.border{ border-color:rgb(116, 37, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 37, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 37, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 37, 102); box-shadow:4px 4px 4px 4px rgb(116, 37, 102) }
```

Background

The CSS property to change the background color of an element to Android 4285801830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 37, 102) }
```

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

```
.background{ background-color: rgb(116, 37,  
102) }
```

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