

Converting Colors

Android(4280435233)

Have a look what the booklet for
Android(4280435233) contains.

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Color

Android(4280435233)

Conversions

Conversions Part 1

Format	Color
Hex	224221
RGB	34, 66, 33
RGB Percent	13%, 26%, 13%
CMY	0.8667, 0.7412, 0.8706
CMYK	0.48, 0.00, 0.50, 0.74
HSL	118°, 33%, 19%
HSV	118°, 50%, 26%
XYZ	2.8824, 4.3463, 2.1258
YIQ	52.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

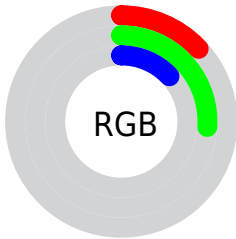
Format	Color
R_{YB}	33, 66, 65
Decimal	2245153
CIE Lab	24.78, -19.87, 16.46
CIE LCh	25, 25.808, 140.360
Yxy	4.3463, 0.3081, 0.4646
Android (android.graphics.Color)	4280435233 (0xFF224221)
YUV	52.6700, -9.6973, -16.3736
Hunter-Lab	20.8478, -11.8043, 8.5477




Details

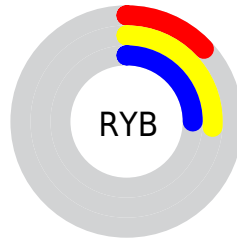
The Android color **4280435233** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282458434**, and the grayscale version is **4281677109**.




A 20% lighter version of the original color is **4283527758**, and **4278196480** is the 20% darker color. If you saturate the color by 10%, you get **4280042010**, and if you desaturate by 10%, it is **4280828456**.

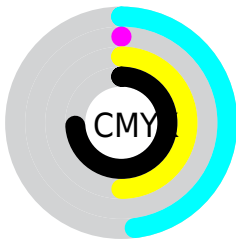
Distribution







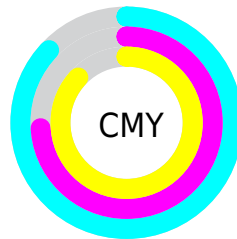
-  Red (13%)
-  Green (26%)
-  Blue (13%)






-  Red (13%)
-  Yellow (26%)
-  Blue (25%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (74%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280435233 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 4280435233 by changing the saturation by 10% instead.



4280435233



4280435233

4294967295



4278922251



4283527758



4278196480



4285107302



4278190080



4286817919



4288529049



4290371252



4292213456



4294049772



4280435233



4280435233

■ 4280042010

■ 4280828456

■ 4279583252

■ 4281287214

■ 4279190029

■ 4281680437

■ 4278731271

■ 4282139195

■ 4278338048

■ 4282532418

■ 4282925641

■ 4283384399

■ 4283777622

■ 4284236380

Harmonies

Analogous

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



4281941524



4280435233



4278207540

Triad

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



4280435233



4278206305



4284427054

Complementary

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



4280435233



4282458434

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.



4284164930



4280435233



4281481311

Square

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



4280435233



4278207320



4283248724



4284035101

Rectangle

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



4280435233



4278207809



4283248724



4284426805

Sweetspot

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



4280435233



4283062090



4282532129



4280560420



4289440683



4281019179

Same Dimension

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



4280435233



4280571683



4280369712



4280164638



4278411520



4278706176

Inverse Universe

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



4282458434



4283769687



4282523955



4280360481



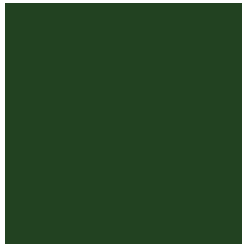
4284350561



4292477152

Previews

White Background



This preview shows how the Android color 4280435233 looks on a white background.

Color Contrast Check

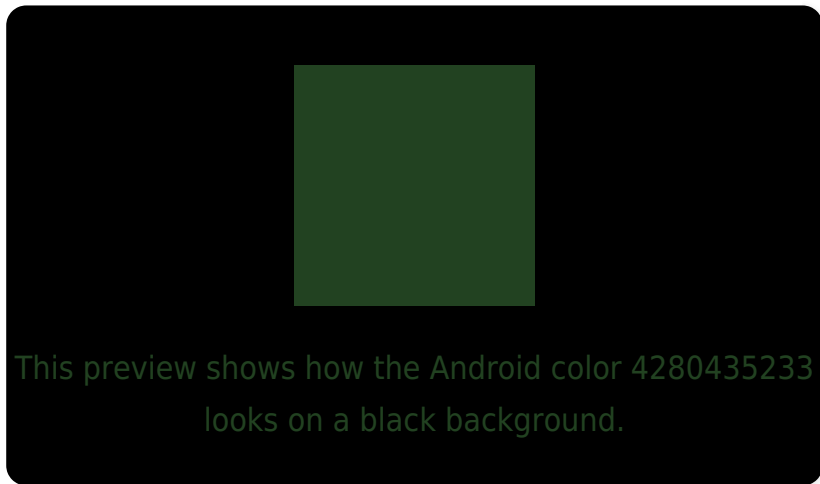
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280435233 Background



This preview shows how black text looks on a background with the Android color 4280435233.



This preview shows how white text looks on a background with the Android color 4280435233.

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
4280435233

Protanopia
4282465055

Deuteranopia
4282857507

Trichromacy



Original Color
4280435233

Protanomaly
4281744928

Deuteranomaly
4282006562

Tritanomaly
4280696631

Monochromacy



Original Color
4280435233

Achromatopsia
4281677109

Achromatomaly
4281219630

CSS Examples

Text

The CSS property to change the color of the text to Android 4280435233 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(34, 66, 33) looks like.

```
.text, #text, p{  
    color:rgb(34, 66, 33)  
}
```

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(34, 66, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 66, 33) }
```

Border

The CSS property to change the border of an element to Android 4280435233 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(34, 66, 33) }
```

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

```
.border{ border-color:rgb(34, 66, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 66, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 66, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 66, 33);  
box-shadow:4px 4px 4px 4px rgb(34, 66, 33)  
}
```

Background

The CSS property to change the background color of an element to Android 4280435233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 66, 33) }
```

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

```
.background{ background-color: rgb(34, 66,  
33) }
```

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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