

Converting Colors

Android(4280042240)

Have a look what the booklet for
Android(4280042240) contains.

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Color

Android(4280042240)

Conversions

Conversions Part 1

Format	Color
Hex	1C4300
RGB	28, 67, 0
RGB Percent	11%, 26%, 0%
CMY	0.8902, 0.7373, 1.0000
CMYK	0.58, 0.00, 1.00, 0.74
HSL	95°, 100%, 13%
HSV	95°, 100%, 26%
XYZ	2.4860, 4.2612, 0.6915
YIQ	47.7010, -1.7370, -29.1050

Conversions

Conversions Part 2

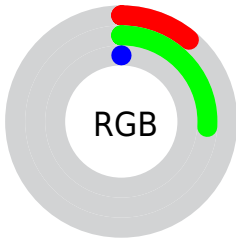
Format	Color
RYB	0, 67, 39
Decimal	1852160
CIELab	24.52, -26.22, 32.38
CIELCh	25, 41.665, 129.000
Yxy	4.2612, 0.3342, 0.5728
Android (android.graphics.Color)	4280042240 (0xFF1C4300)
YUV	47.7010, -23.5166, -17.2778
Hunter-Lab	20.6426, -14.6274, 12.4638

Details

The Android color **4280042240** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280746051**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4283266096**, and **4278196224** is the 20% darker color. If you saturate the color by 10%, you get **4280042240**, and if you desaturate by 10%, it is **4280304391**.

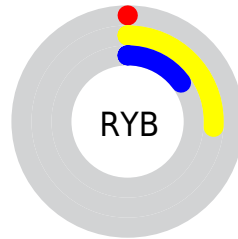
Distribution



Red (11%)

Green (26%)

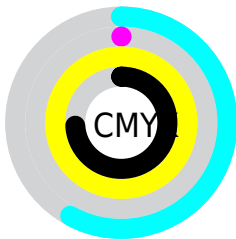
Blue (0%)



Red (0%)

Yellow (26%)

Blue (15%)

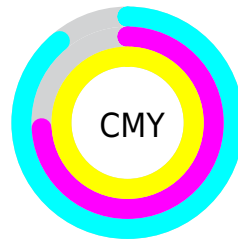


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (89%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280042240 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 4280042240 by changing the saturation by 10% instead.

 4280042240

 4280042240

 4294967272

 4278397952

 4283266096

 4278196224

 4284976456

 4278190080

 4286687329

 4288398202

 4290240405

 4292082864

 4293918667

 4280042240

■ 4280304391

■ 4280566541

■ 4280828692

■ 4281090843

■ 4281352994

■ 4281549608

■ 4281811759

■ 4282073910

■ 4282336060

Harmonies

Analogous

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



4282399744



4280042240



4278208290

Triad

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



4280042240



4278207605



4285601074

Complementary

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



4280042240



4280746051

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.



4284882001



4280042240



4278205305

Square

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



4280042240



4278208353



4282789227



4285210900

Rectangle

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



4280042240



4278208568



4282789227



4285470013

Sweetspot

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



4280042240



4282931005



4282590720



4280429340



4289440683



4281019179

Same Dimension

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



4280042240



4280571648



4278207236



4280230174



4280836352



4284407808

Inverse Universe

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



4280746051



4281466967



4282581055



4280294945



4281860193



4286775520

Previews

White Background



This preview shows how the Android color 4280042240 looks on a white background.

Color Contrast Check

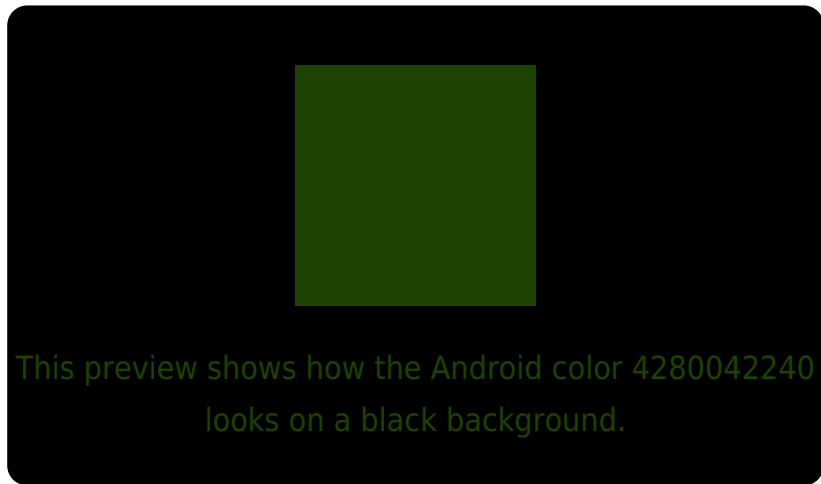
Large Text (above 18pt) WCAG AA ✓ Pass

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

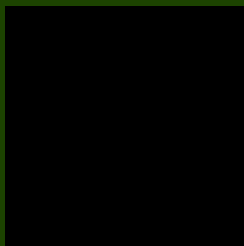
Any Text WCAG AA × Fail

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 4280042240 Background



This preview shows how black text looks on a background with the Android color 4280042240.



This preview shows how white text looks on a background with the Android color 4280042240.

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
4280042240

Protanopia
4282530560

Deuteranopia
4282988302

Trichromacy



Original Color
4280042240

Protanomaly
4281613824

Deuteranomaly
4281940745

Tritanomaly
4280434731

Monochromacy



Original Color
4280042240

Achromatopsia
4281348144

Achromatomaly
4280891167

CSS Examples

Text

The CSS property to change the color of the text to Android 4280042240 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(28, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 67, 0)  
}
```

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(28, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 67, 0) }
```

Border

The CSS property to change the border of an element to Android 4280042240 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(28, 67, 0) }
```

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

```
.border{ border-color:rgb(28, 67, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 67, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 67, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 67, 0); box-shadow:4px  
4px 4px 4px rgb(28, 67, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280042240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 67, 0) }
```

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

```
.background{ background-color: rgb(28, 67,  
0) }
```

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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