

Converting Colors

Android(4280173312)

Have a look what the booklet for
Android(4280173312) contains.

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Color

Android(4280173312)

Conversions

Conversions Part 1

Format	Color
Hex	1E4300
RGB	30, 67, 0
RGB Percent	12%, 26%, 0%
CMY	0.8824, 0.7373, 1.0000
CMYK	0.55, 0.00, 1.00, 0.74
HSL	93°, 100%, 13%
HSV	93°, 100%, 26%
XYZ	2.5426, 4.2903, 0.6941
YIQ	48.2990, -0.5450, -28.6810

Conversions

Conversions Part 2

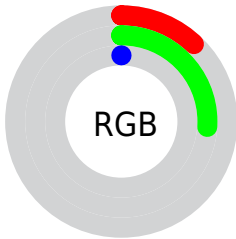
Format	Color
RYB	0, 67, 37
Decimal	1983232
CIELab	24.61, -25.50, 32.50
CIELCh	25, 41.312, 128.119
Yxy	4.2903, 0.3378, 0.5700
Android (android.graphics.Color)	4280173312 (0xFF1E4300)
YUV	48.2990, -23.8114, -16.0482
Hunter-Lab	20.7131, -14.3367, 12.5123

Details

The Android color **4280173312** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280614979**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4283397169**, and **4278196480** is the 20% darker color. If you saturate the color by 10%, you get **4280173312**, and if you desaturate by 10%, it is **4280435463**.

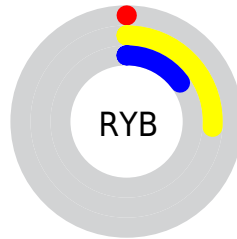
Distribution



Red (12%)

Green (26%)

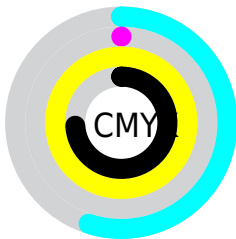
Blue (0%)



Red (0%)

Yellow (26%)

Blue (15%)

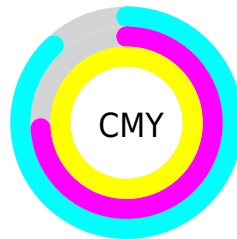


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (88%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280173312 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 4280173312 by changing the saturation by 10% instead.

 4280173312

 4280173312

 4294967272

 4278529024

 4283397169

 4278196480

 4285041992

 4278190080

 4286752865

 4288529274

 4290371477

 4292213936

 4294049739

 4280173312

■ 4280435463

■ 4280632077

■ 4280894228

■ 4281156379

■ 4281352994

■ 4281615144

■ 4281877295

■ 4282139446

■ 4282336060

Harmonies

Analogous

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



4282465280



4280173312



4278208290

Triad

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



4280173312



4278207604



4285601331

Complementary

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



4280173312



4280614979

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.



4284816722



4280173312



4278205561

Square

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



4280173312



4278208608



4282723948



4285210901

Rectangle

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



4280173312



4278208567



4282723948



4285470270

Sweetspot

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



4280173312



4282931005



4282590464



4280494876



4289440683



4281019179

Same Dimension

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



4280173312



4280768256



4278207235



4280230174



4281032960



4284801024

Inverse Universe

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



4280614979



4281335895



4282581056



4280294945



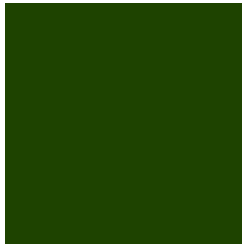
4281729121



4286316768

Previews

White Background



This preview shows how the Android color 4280173312 looks on a white background.

Color Contrast Check

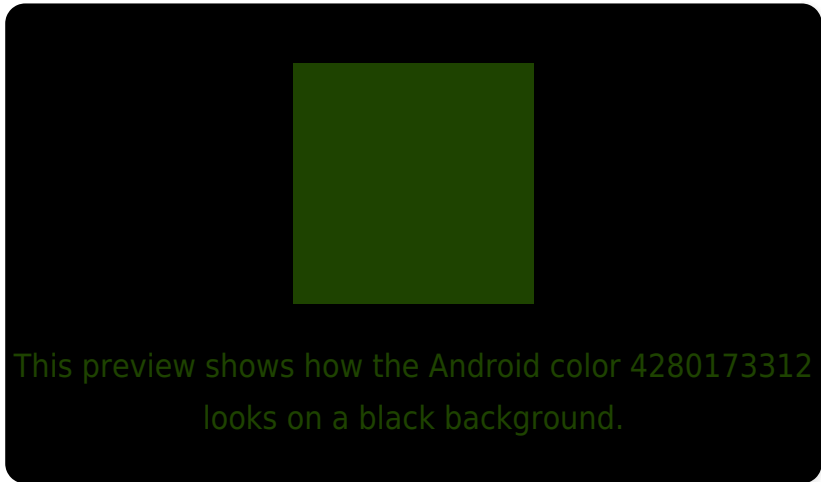
Large Text (above 18pt) WCAG AA ✓ Pass

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

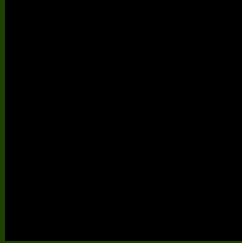
Any Text WCAG AA × Fail

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 4280173312 Background



This preview shows how black text looks on a background with the Android color 4280173312.



This preview shows how white text looks on a background with the Android color 4280173312.

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
4280173312

Protanopia
4282530560

Deuteranopia
4283054094

Trichromacy



Original Color

4280173312

Protanomaly

4281679360

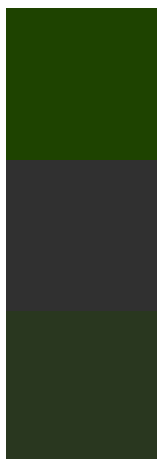
Deuteranomaly

4282006537

Tritanomaly

4280565803

Monochromacy



Original Color

4280173312

Achromatopsia

4281348144

Achromatomaly

4280891167

CSS Examples

Text

The CSS property to change the color of the text to Android 4280173312 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(30, 67, 0)` looks like.

```
.text, #text, p{  
    color:rgb(30, 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(30, 67, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 67, 0) }
```

Border

The CSS property to change the border of an element to Android 4280173312 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(30, 67, 0) }
```

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

```
.border{ border-color:rgb(30, 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(30, 67, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 67, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 67, 0); box-shadow:4px  
4px 4px 4px rgb(30, 67, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280173312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 67, 0) }
```

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

```
.background{ background-color: rgb(30, 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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