

Converting Colors

Android(4280932400)

Have a look what the booklet for
Android(4280932400) contains.

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Color

Android(4280932400)

Conversions

Conversions Part 1

Format	Color
Hex	29D830
RGB	41, 216, 48
RGB Percent	16%, 85%, 19%
CMY	0.8392, 0.1529, 0.8118
CMYK	0.81, 0.00, 0.78, 0.15
HSL	122°, 69%, 50%
HSV	122°, 81%, 85%
XYZ	26.0038, 49.7966, 11.0375
YIQ	144.5230, -50.3720, -89.3480

Conversions

Conversions Part 2

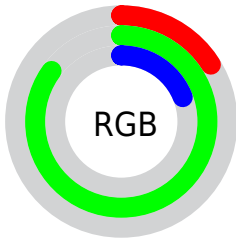
Format	Color
RYB	41, 209, 216
Decimal	2742320
CIELab	75.94, -71.72, 65.27
CIELCh	76, 96.975, 137.696
Yxy	49.7966, 0.2995, 0.5734
Android (android.graphics.Color)	4280932400 (0xFF29D830)
YUV	144.5230, -47.5858, -90.7897
Hunter-Lab	70.5667, -57.7144, 40.1230

Details

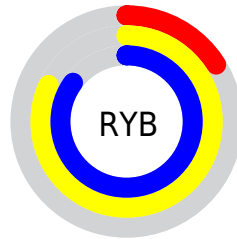
The Android color `4280932400` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292356561`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286054251`, and `4278230784` is the 20% darker color. If you saturate the color by 10%, you get `4279490587`, and if you desaturate by 10%, it is `4282374213`.

Distribution



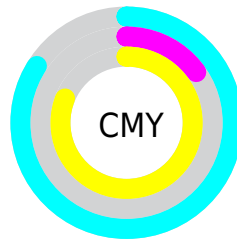
- Red (16%)
- Green (85%)
- Blue (19%)



- Red (16%)
- Yellow (82%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (78%)
- Black (15%)



- Cyan (84%)
- Magenta (15%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280932400 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 4280932400 by changing the saturation by 10% instead.

 4280932400

 4280932400

4294967295

 4278237954

 4286054251

 4278230784

 4288151431

 4278223872

 4290248611

 4278216960

 4292280256

 4278210304

 4294311901

 4278204416

 4294967290

 4278197504

 4278190080

 4280932400

 4280932400

■ 4279490587

■ 4282374213

■ 4278245385

■ 4283750489

■ 4285192302

■ 4286568579

■ 4288010392

■ 4289452204

■ 4290828481

■ 4292270294

■ 4293646571

Harmonies

Analogous

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



4289709824



4280932400



4278247570

Triad

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



4280932400



4278243839



4294923147

Complementary

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



4280932400



4292356561

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.



4294924260



4280932400



4282955007

Square

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



4280932400



4278247423



4294936575



4294934324

Rectangle

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



4280932400



4278248145



4294936575



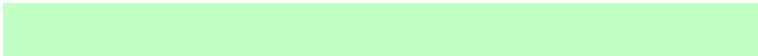
4294921384

Sweetspot

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



4280932400



4290969540



4292007977



4284186716



4278190080



4286611584

Same Dimension

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



4280932400



4278779666



4280932486



4284509025



4278233863



4278201090

Inverse Universe

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



4292356561



4294904053



4292356475



4285227115



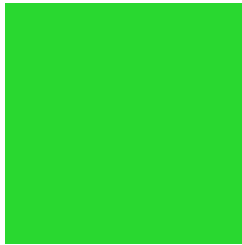
4289396900



4281008170

Previews

White Background



This preview shows how the Android color 4280932400 looks on a white background.

Color Contrast Check

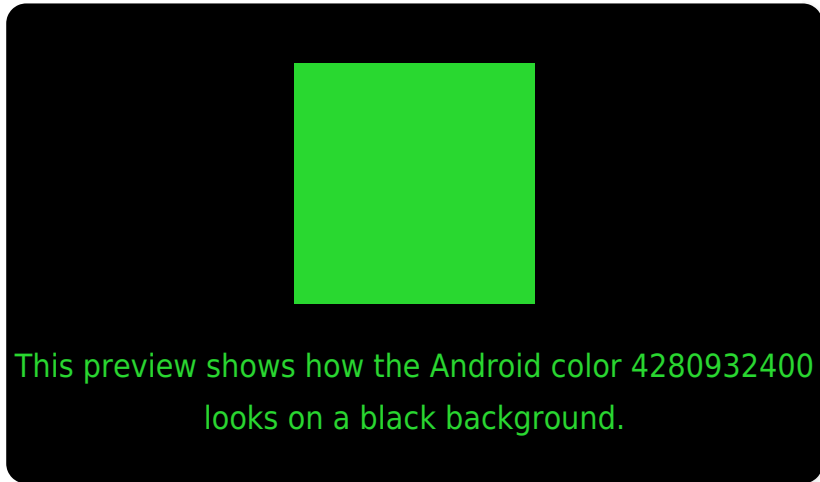
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280932400 Background



This preview shows how black text looks on a background with the Android color 4280932400.



This preview shows how white text looks on a background with the Android color 4280932400.

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



Trichromacy



Original Color

4280932400



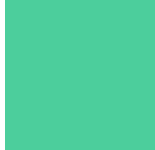
Protanomaly

4287939883



Deuteranomaly

4288921403



Tritanomaly

4283223708

Monochromacy



Original Color

4280932400



Achromatopsia

4287730065



Achromatomaly

4285246318

CSS Examples

Text

The CSS property to change the color of the text to Android 4280932400 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(41, 216, 48)` looks like.

```
.text, #text, p{  
    color:rgb(41, 216, 48)  
}
```

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(41, 216, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 216, 48) }
```

Border

The CSS property to change the border of an element to Android 4280932400 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(41, 216, 48) }
```

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

```
.border{ border-color:rgb(41, 216, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 216, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 216, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 216, 48);  
box-shadow:4px 4px 4px 4px rgb(41, 216,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4280932400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 216, 48) }
```

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

```
.background{ background-color: rgb(41, 216,  
48) }
```

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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