

Converting Colors

Android(4280838429)

Have a look what the booklet for
Android(4280838429) contains.

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Color

Android(4280838429)

Conversions

Conversions Part 1

Format	Color
Hex	28691D
RGB	40, 105, 29
RGB Percent	16%, 41%, 11%
CMY	0.8431, 0.5882, 0.8863
CMYK	0.62, 0.00, 0.72, 0.59
HSL	111°, 57%, 26%
HSV	111°, 72%, 41%
XYZ	6.1484, 10.6430, 2.8926
YIQ	76.9010, -14.3440, -37.4160

Conversions

Conversions Part 2

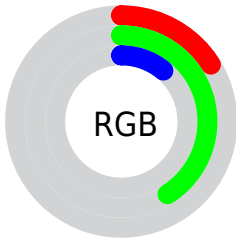
Format	Color
RYB	29, 105, 94
Decimal	2648349
CIELab	38.97, -36.24, 35.10
CIELCh	39, 50.451, 135.910
Yxy	10.6430, 0.3124, 0.5407
Android (android.graphics.Color)	4280838429 (0xFF28691D)
YUV	76.9010, -23.6152, -32.3622
Hunter-Lab	32.6236, -23.4502, 17.5794

Details

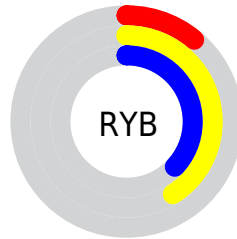
The Android color `4280838429` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4284357993`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284325197`, and `4278204672` is the 20% darker color. If you saturate the color by 10%, you get `4280248595`, and if you desaturate by 10%, it is `4281428263`.

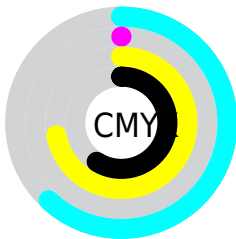
Distribution



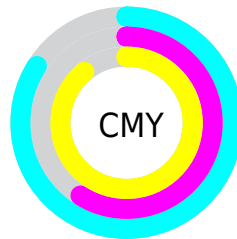
- Red (16%)
- Green (41%)
- Blue (11%)



- Red (11%)
- Yellow (41%)
- Blue (37%)



- Cyan (62%)
- Magenta (0%)
- Yellow (72%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280838429 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 4280838429 by changing the saturation by 10% instead.



4280838429



4280838429

4294967295



4278603779



4284325197



4278204672



4286101606



4278199552



4287878272



4278190080



4289720731



4291559350



4293459922



4294967278



4280838429



4280838429

■ 4280248595

■ 4281428263

■ 4279658760

■ 4282018098

■ 4279200000

■ 4282607932

■ 4283197767

■ 4283787602

■ 4284377436

■ 4284967270

■ 4285557105

■ 4286146940

Harmonies

Analogous

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



4284113152



4280838429



4278218054

Triad

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



4280838429



4278216364



4288950600

Complementary

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



4280838429



4284357993

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.



4288361585



4280838429



4281096619

Square

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



4280838429



4278218134



4286138005



4288233762

Rectangle

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



4280838429



4278218339



4286138005



4288950357

Sweetspot

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



4280838429



4285565547



4285095453



4281746739



4291085508



4282729797

Same Dimension

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



4280838429



4280519186



4280117560



4281415216



4279334144



4280546560

Inverse Universe

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



4284357993



4286059146



4285078862



4281675830



4284743797



4291887349

Previews

White Background



This preview shows how the Android color 4280838429 looks on a white background.

Color Contrast Check

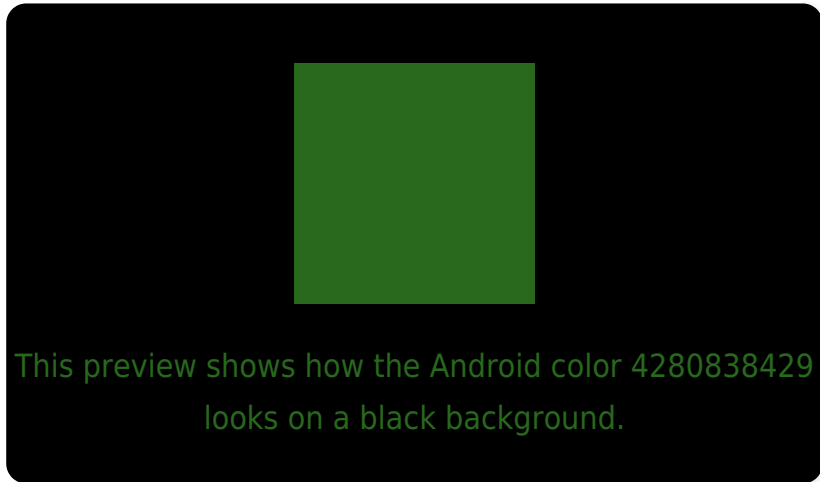
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

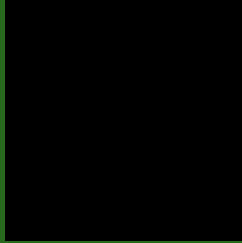
Any Text WCAG AA × Fail

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 4280838429 Background



This preview shows how black text looks on a background with the Android color 4280838429.



This preview shows how white text looks on a background with the Android color 4280838429.

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

4280838429

Protanopia

4284963866

Deuteranopia

4285683492

Trichromacy



Original Color
4280838429

Protanomaly
4283457819

Deuteranomaly
4283915809

Tritanomaly
4281558350

Monochromacy



Original Color
4280838429

Achromatopsia
4283256141

Achromatomaly
4282406716

CSS Examples

Text

The CSS property to change the color of the text to Android 4280838429 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(40, 105, 29)` looks like.

```
.text, #text, p{  
    color:rgb(40, 105, 29)  
}
```

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(40, 105, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 105, 29) }
```

Border

The CSS property to change the border of an element to Android 4280838429 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(40, 105, 29) }
```

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

```
.border{ border-color:rgb(40, 105, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 105, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 105, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 105, 29);  
box-shadow:4px 4px 4px 4px rgb(40, 105,  
29) }
```

Background

The CSS property to change the background color of an element to Android 4280838429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 105, 29) }
```

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

```
.background{ background-color: rgb(40, 105,  
29) }
```

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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