

Converting Colors

Android(4280832415)

Have a look what the booklet for
Android(4280832415) contains.

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Color

Android(4280832415)

Conversions

Conversions Part 1

Format	Color
Hex	28519F
RGB	40, 81, 159
RGB Percent	16%, 32%, 62%
CMY	0.8431, 0.6824, 0.3765
CMYK	0.75, 0.49, 0.00, 0.38
HSL	219°, 60%, 39%
HSV	219°, 75%, 62%
XYZ	10.0755, 8.8392, 33.9760
YIQ	77.6330, -49.4740, 15.5660

Conversions

Conversions Part 2

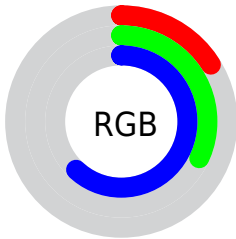
Format	Color
R_{YB}	40, 70, 159
Decimal	2642335
CIE _{Lab}	35.67, 13.91, -46.56
CIE _{LCh}	36, 48.596, 286.630
Yxy	8.8392, 0.1905, 0.1671
Android (android.graphics.Color)	4280832415 (0xFF28519F)
YUV	77.6330, 40.1139, -33.0041
Hunter-Lab	29.7308, 8.4634, -46.9444

Details

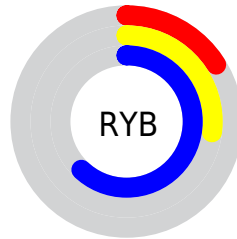
The Android color `4280832415` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4288640552`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284908246`, and `4278199915` is the 20% darker color. If you saturate the color by 10%, you get `4279781279`, and if you desaturate by 10%, it is `4281883551`.

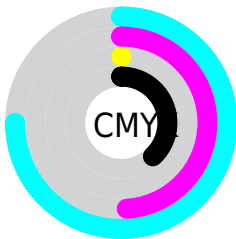
Distribution



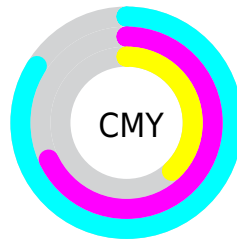
- Red (16%)
- Green (32%)
- Blue (62%)



- Red (16%)
- Yellow (27%)
- Blue (62%)



- Cyan (75%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280832415 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 4280832415 by changing the saturation by 10% instead.



4280832415



4280832415

4294967295



4278205060



4284908246



4278199915



4286749939



4278194770



4288657151



4278191674



4290564863



4278190628



4292472575



4278190091



4294443007



4278190080



4280832415



4280832415



4279781279



4281883551

■ 4278729887

■ 4282934943

■ 4278204319

■ 4283986079

■ 4285037471

■ 4286023071

■ 4287074463

■ 4288125599

■ 4289176735

■ 4290228127

Harmonies

Analogous

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



4278214048



4280832415



4285546378

Triad

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



4280832415



4287445532



4278215745

Complementary

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



4280832415



4288640552

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.



4280312089



4280832415



4285811712

Square

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



4280832415



4288228160



4283521280



4278216297

Rectangle

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



4280832415



4287181428



4283521280



4278215475

Sweetspot

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



4280832415



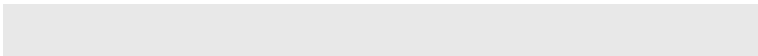
4288786895



4280852341



4283258729



4293454056



4285098345

Same Dimension

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



4280832415



4279588303



4282001567



4282862159



4278202767



4278191375

Inverse Universe

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



4288620625



4291761493



4287471400



4283385674



4287561777



4279173125

Previews

White Background



This preview shows how the Android color 4280832415 looks on a white background.

Color Contrast Check

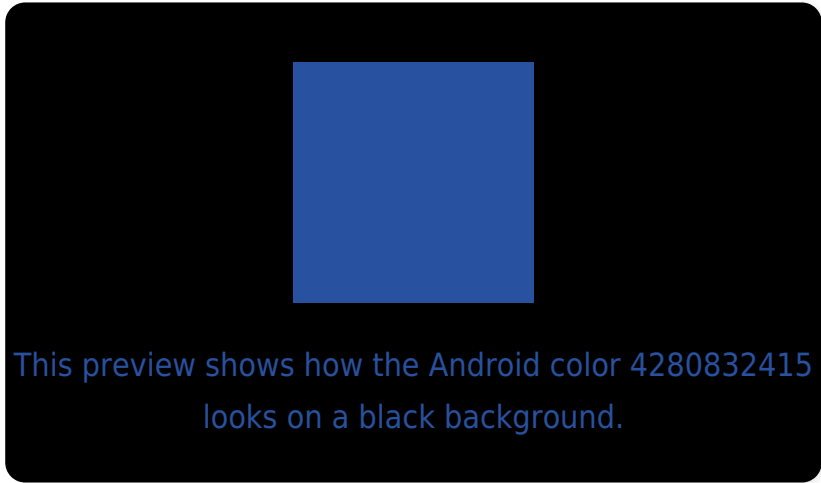
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280832415 Background



This preview shows how black text looks on a background with the Android color 4280832415.



This preview shows how white text looks on a background with the Android color 4280832415.

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

4280832415

Protanopia

4280832415

Deuteranopia

4278211990

Trichromacy



Original Color

4280832415

Protanomaly

4280832415

Deuteranomaly

4279194777

Tritanomaly

4279196025

Monochromacy



Original Color

4280832415

Achromatopsia

4283321934

Achromatomaly

4282404715

CSS Examples

Text

The CSS property to change the color of the text to Android 4280832415 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, 81, 159)` looks like.

```
.text, #text, p{  
    color:rgb(40, 81, 159)  
}
```

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, 81, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 81, 159) }
```

Border

The CSS property to change the border of an element to Android 4280832415 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, 81, 159) }
```

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

```
.border{ border-color:rgb(40, 81, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 81, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 81, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 81, 159);  
box-shadow:4px 4px 4px 4px rgb(40, 81,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4280832415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 81, 159) }
```

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

```
.background{ background-color: rgb(40, 81,  
159) }
```

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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