

Converting Colors

Android(4281033889)

Have a look what the booklet for
Android(4281033889) contains.

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Color

Android(4281033889)

Conversions

Conversions Part 1

Format	Color
Hex	2B64A1
RGB	43, 100, 161
RGB Percent	17%, 39%, 63%
CMY	0.8314, 0.6078, 0.3686
CMYK	0.73, 0.38, 0.00, 0.37
HSL	211°, 58%, 40%
HSV	211°, 73%, 63%
XYZ	11.9865, 12.2011, 35.4415
YIQ	89.9110, -53.5530, 6.8870

Conversions

Conversions Part 2

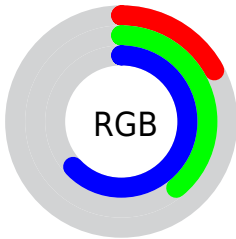
Format	Color
R_{YB}	43, 81, 161
Decimal	2843809
CIE _{Lab}	41.53, 2.75, -38.38
CIE _{LCh}	42, 38.479, 274.094
Yxy	12.2011, 0.2010, 0.2046
Android (android.graphics.Color)	4281033889 (0xFF2B64A1)
YUV	89.9110, 35.0469, -41.1409
Hunter-Lab	34.9301, 0.1255, -35.7069

Details

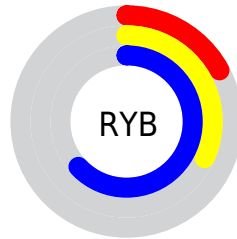
The Android color `4281033889` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288768043`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4285044440`, and `4278204013` is the 20% darker color. If you saturate the color by 10%, you get `4279983265`, and if you desaturate by 10%, it is `4282084513`.

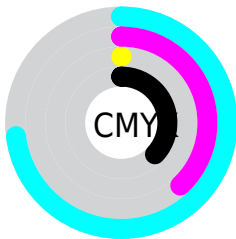
Distribution



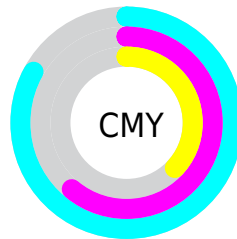
- Red (17%)
- Green (39%)
- Blue (63%)



- Red (17%)
- Yellow (32%)
- Blue (63%)



- Cyan (73%)
- Magenta (38%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (61%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281033889 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 4281033889 by changing the saturation by 10% instead.



4281033889



4281033889

4294967295



4278209671



4285044440



4278204013



4286886389



4278198612



4288793855



4278192445



4290701567



4278190886



4292607999



4278190351



4294574079



4278190080



4281033889



4281033889



4279983265



4282084513

■ 4278932385

■ 4283135393

■ 4278210209

■ 4284186017

■ 4285236641

■ 4286353057

■ 4287403681

■ 4288454305

■ 4289505185

■ 4290555809

Harmonies

Analogous

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



4278217882



4281033889



4285094039

Triad

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



4281033889



4288236352



4280250181

Complementary

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



4281033889



4288768043

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.



4283394603



4281033889



4287190569

Square

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



4281033889



4288431711



4285555231



4278219365

Rectangle

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



4281033889



4286795655



4285555231



4281560635

Sweetspot

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



4281033889



4288920017



4281049448



4283259497



4293454056



4285098345

Same Dimension

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



4281033889



4279857873



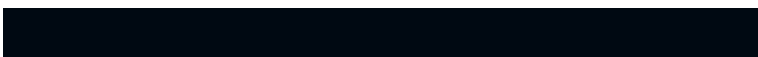
4281150369



4282994002



4278208145



4278192402

Inverse Universe

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



4288752484



4291893618



4288651563



4283582797



4287692870



4279369737

Previews

White Background



This preview shows how the Android color 4281033889 looks on a white background.

Color Contrast Check

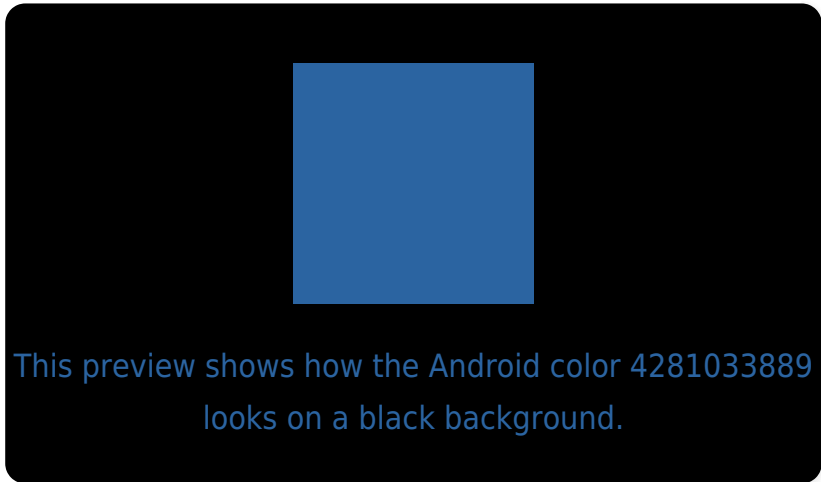
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281033889 Background



This preview shows how black text looks on a background with the Android color 4281033889.



This preview shows how white text looks on a background with the Android color 4281033889.

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

4281033889

Protanopia

4283064477

Deuteranopia

4281885345

Trichromacy



Original Color
4281033889

Protanomaly
4282343838

Deuteranomaly
4281557921

Tritanomaly
4279265669

Monochromacy



Original Color
4281033889

Achromatopsia
4284111450

Achromatomaly
4282998388

CSS Examples

Text

The CSS property to change the color of the text to Android 4281033889 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(43, 100, 161)` looks like.

```
.text, #text, p{  
    color:rgb(43, 100, 161)  
}
```

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(43, 100, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 100, 161) }
```

Border

The CSS property to change the border of an element to Android 4281033889 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(43, 100, 161) }
```

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

```
.border{ border-color:rgb(43, 100, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 100, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 100, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 100, 161);  
box-shadow:4px 4px 4px 4px rgb(43, 100,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4281033889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 100, 161) }
```

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

```
.background{ background-color: rgb(43, 100,  
161) }
```

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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