

Converting Colors

Android(4281090248)

Have a look what the booklet for
Android(4281090248) contains.

Android(4281090248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Android(4281090248)

Conversions

Conversions Part 1

Format	Color
Hex	2C40C8
RGB	44, 64, 200
RGB Percent	17%, 25%, 78%
CMY	0.8275, 0.7490, 0.2157
CMYK	0.78, 0.68, 0.00, 0.22
HSL	232°, 64%, 48%
HSV	232°, 78%, 78%
XYZ	13.2974, 8.3724, 55.5588
YIQ	73.5240, -55.5760, 38.0560

Conversions

Conversions Part 2

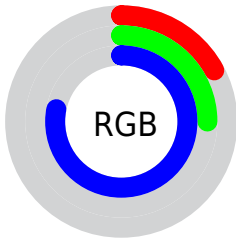
Format	Color
R_{YB}	44, 62, 200
Decimal	2900168
CIE _{Lab}	34.75, 40.83, -72.32
CIE _{LCh}	35, 83.053, 299.446
Yxy	8.3724, 0.1722, 0.1084
Android (android.graphics.Color)	4281090248 (0xFF2C40C8)
YUV	73.5240, 62.3527, -25.8925
Hunter-Lab	28.9351, 31.3952, -93.5892

Details

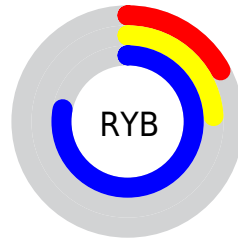
The Android color `4281090248` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4291343404`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4285755647`, and `4278195601` is the 20% darker color. If you saturate the color by 10%, you get `4279775176`, and if you desaturate by 10%, it is `4282405320`.

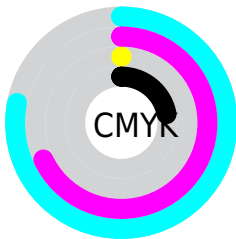
Distribution



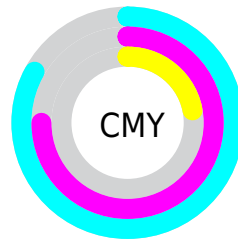
- Red (17%)
- Green (25%)
- Blue (78%)



- Red (17%)
- Yellow (24%)
- Blue (78%)



- Cyan (78%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)





- Cyan (83%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281090248 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 4281090248 by changing the saturation by 10% instead.

 4281090248

 4281090248

4294967295

 4278201004

 4285755647

 4278195601

 4287793919

 4278190710

 4289832191

 4278190172

 4291805183

 4278191940

 4293843967

 4278190893

 4294965503

 4278190359

 4278190080

 4281090248

 4281090248

■ 4279775176

■ 4282405320

■ 4278459848

■ 4283720648

■ 4278196936

■ 4285035720

■ 4286351048

■ 4287666120

■ 4288981448

■ 4290296520

■ 4291611592

■ 4292926920

Harmonies

Analogous

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



4278214106



4281090248



4288348311

Triad

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



4281090248



4288097536



4278217039

Complementary

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



4281090248



4291343404

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.



4278216192



4281090248



4284894976

Square

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



4281090248



4290183190



4279918336



4278217618

Rectangle

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



4281090248



4290117740



4279918336



4278217015

Sweetspot

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



4281090248



4291087615



4281125043



4284244096



4278190080



4286611584

Same Dimension

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



4281090248



4279185151



4284820680



4284111715



4278195619



4278191396

Inverse Universe

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



4291308608



4294905646



4287612972



4284701275



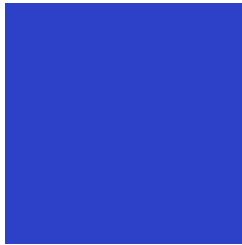
4288872469



4280549381

Previews

White Background



This preview shows how the Android color 4281090248 looks on a white background.

Color Contrast Check

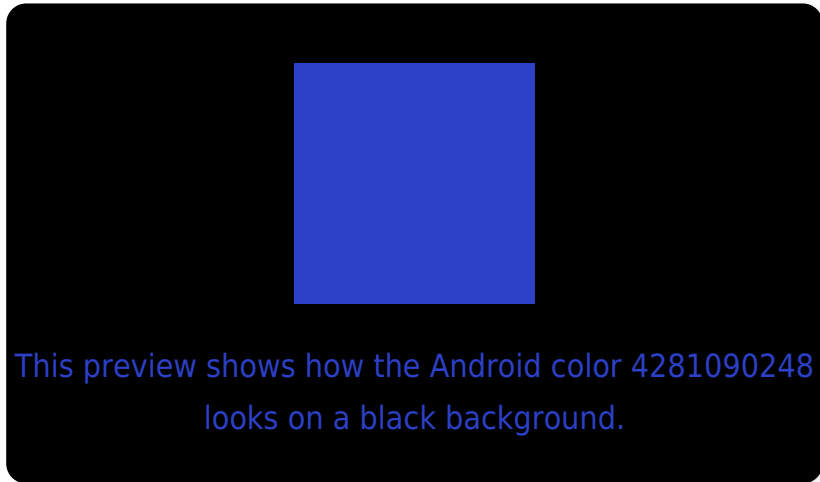
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281090248 Background



This preview shows how black text looks on a background with the Android color 4281090248.



This preview shows how white text looks on a background with the Android color 4281090248.

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
4281090248

Deuteranomaly
4279258530

Tritanomaly
4279259526

Monochromacy



Original Color
4281090248

Achromatopsia
4283058762

Achromatomaly
4282336888

CSS Examples

Text

The CSS property to change the color of the text to Android 4281090248 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(44, 64, 200)` looks like.

```
.text, #text, p{  
    color:rgb(44, 64, 200)  
}
```

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(44, 64, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 64, 200) }
```

Border

The CSS property to change the border of an element to Android 4281090248 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(44, 64, 200) }
```

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

```
.border{ border-color:rgb(44, 64, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 64, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 64, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 64, 200);  
box-shadow:4px 4px 4px 4px rgb(44, 64,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4281090248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 64, 200) }
```

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

```
.background{ background-color: rgb(44, 64,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor