

# Converting Colors

Android(4281428130)

Have a look what the booklet for  
Android(4281428130) contains.

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# Color

**Android(4281428130)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 3168A2                    |
| RGB         | 49, 104, 162              |
| RGB Percent | 19%, 41%, 64%             |
| CMY         | 0.8078, 0.5922, 0.3647    |
| CMYK        | 0.70, 0.36, 0.00, 0.36    |
| HSL         | 211°, 54%, 41%            |
| HSV         | 211°, 70%, 64%            |
| XYZ         | 12.7385, 13.1622, 36.0516 |
| YIQ         | 94.1670, -51.3980, 6.3780 |

# Conversions

## Conversions Part 2

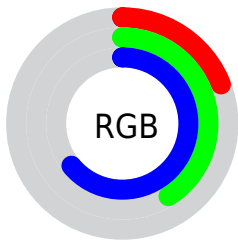
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 49, 86, 162                   |
| Decimal                             | 3238050                       |
| CIE <sub>Lab</sub>                  | 43.01, 1.54, -36.63           |
| CIE <sub>LCh</sub>                  | 43, 36.659, 272.403           |
| Yxy                                 | 13.1622, 0.2056,<br>0.2125    |
| Android<br>(android.graphics.Color) | 4281428130<br>(0xFF3168A2)    |
| YUV                                 | 94.1670, 33.4417,<br>-39.6115 |
| Hunter-Lab                          | 36.2798, -0.8149,<br>-33.5212 |

# Details

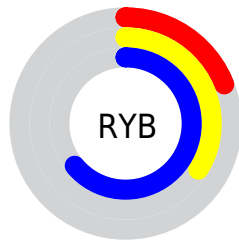
The Android color `4281428130` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288834353`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285307865`, and `4278205038` is the 20% darker color. If you saturate the color by 10%, you get `4280377506`, and if you desaturate by 10%, it is `4282478754`.

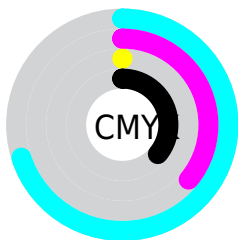
# Distribution



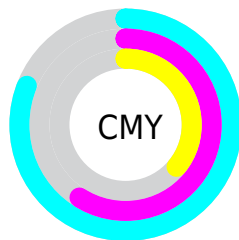
- Red (19%)
- Green (41%)
- Blue (64%)



- Red (19%)
- Yellow (34%)
- Blue (64%)



- Cyan (70%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)




- Cyan (81%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281428130 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 4281428130 by changing the saturation by 10% instead.



 4281428130

 4281428130

4294967295

 4278407304

 4285307865

 4278205038

 4287149814

 4278199381

 4289057279

 4278193982

 4290964991

 4278190887

 4292870143

 4278190353

 4294770687

 4278190080

 4281428130

 4281428130

 4280377506

 4282478754

■ 4279326626

■ 4283529634

■ 4278210466

■ 4284645794

■ 4285696418

■ 4286747298

■ 4287797922

■ 4288848546

■ 4289964962

■ 4291015586

# Harmonies

## Analogous

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



4278218907



4281428130



4285226393

# Triad

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



4281428130



4288433991



4281103176

# Complementary

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



4281428130



4288834353

# 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.



4283854128



4281428130



4287453744

# Square

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



4281428130



4288498532



4285883686



4278220135

# Rectangle

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



4281428130



4286797195



4285883686



4282151231



# Sweetspot

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



4281428130



4289183188



4281442922



4283456875



4293651435



4285229931



# Same Dimension

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



4281428130



4280449236



4281414050



4282994002



4278208401



4278192402



# Inverse Universe

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



4288819560



4292092536



4288848433



4283582797



4287692871



4279369737



# Previews

## White Background



This preview shows how the Android color 4281428130 looks on a white background.

## Color Contrast Check

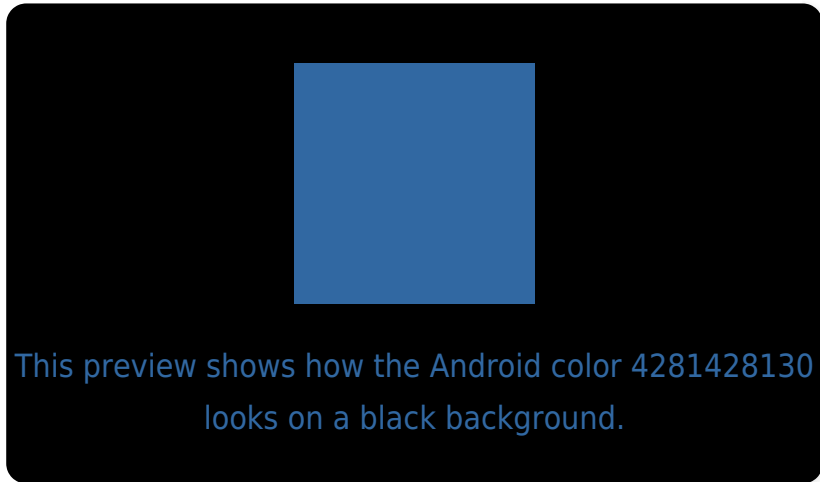
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281428130 Background



This preview shows how black text looks on a background with the Android color 4281428130.



This preview shows how white text looks on a background with the Android color 4281428130.

# 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**

4281428130

**Protanopia**

4283458462

**Deuteranopia**

4282475939



# Trichromacy



**Original Color**  
4281428130

**Protanomaly**  
4282738079

**Deuteranomaly**  
4282082979

**Tritanomaly**  
4279856520

# Monochromacy



**Original Color**  
4281428130

**Achromatopsia**  
4284374622

**Achromatomaly**  
4283327095

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281428130 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(49, 104, 162)` looks like.

```
.text, #text, p{  
    color:rgb(49, 104, 162)  
}
```

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(49, 104, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 104, 162) }
```

## Border

The CSS property to change the border of an element to Android 4281428130 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(49, 104, 162) }
```

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

```
.border{ border-color:rgb(49, 104, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 104, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 104, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 104, 162);  
box-shadow:4px 4px 4px 4px rgb(49, 104,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4281428130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 104, 162) }
```

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

```
.background{ background-color: rgb(49, 104,  
162) }
```

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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