

Converting Colors

Android(4280181130)

Have a look what the booklet for
Android(4280181130) contains.

Android(4280181130)	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>	29

Color

Android(4280181130)

Conversions

Conversions Part 1

Format	Color
Hex	1E618A
RGB	30, 97, 138
RGB Percent	12%, 38%, 54%
CMY	0.8824, 0.6196, 0.4588
CMYK	0.78, 0.30, 0.00, 0.46
HSL	203°, 64%, 33%
HSV	203°, 78%, 54%
XYZ	9.3976, 10.6604, 25.6071
YIQ	81.6410, -53.0930, -1.4530

Conversions

Conversions Part 2

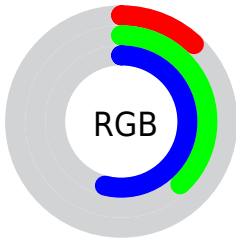
Format	Color
R_{YB}	30, 71, 138
Decimal	1991050
CIE _{Lab}	39.00, -5.88, -28.62
CIE _{LCh}	39, 29.217, 258.399
Yxy	10.6604, 0.2058, 0.2334
Android (android.graphics.Color)	4280181130 (0xFF1E618A)
YUV	81.6410, 27.7850, -45.2892
Hunter-Lab	32.6502, -5.7612, -23.6451

Details

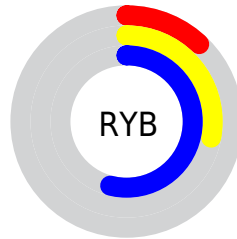
The Android color `4280181130` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287252254`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284191680`, and `4278203224` is the 20% darker color. If you saturate the color by 10%, you get `4279262346`, and if you desaturate by 10%, it is `4281099914`.

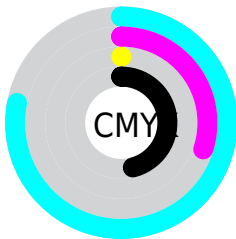
Distribution



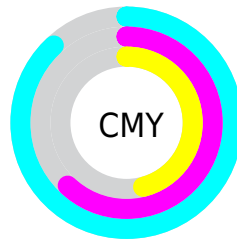
- Red (12%)
- Green (38%)
- Blue (54%)



- Red (12%)
- Yellow (28%)
- Blue (54%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280181130 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 4280181130 by changing the saturation by 10% instead.

 4280181130

 4280181130

4294967295

 4278208880

 4284191680

 4278203224

 4286033628


 4278197824

 4287875576

 4278190890

 4289717759

 4278190356

 4291624959

 4278190080

 4293525503

 4280181130

 4280181130

 4279262346

 4281099914

■ 4278343562

■ 4282018698

■ 4278212234

■ 4282872202

■ 4283790986

■ 4284709770

■ 4285628554

■ 4286547594

■ 4287400842

■ 4288319626

Harmonies

Analogous

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



4278216319



4280181130



4283455881

Triad

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



4280181130



4287187278



4282475835

Complementary

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



4280181130



4287252254

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.



4284243757



4280181130



4286795577

Square

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



4280181130



4286859622



4285683501



4280051794

Rectangle

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



4280181130



4284961665



4285683501



4283130678

Sweetspot

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



4280181130



4287210419



4280191558



4282404953



4292467161



4284045657

Same Dimension

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



4280181130



4278940595



4280167562



4282270277



4278211205



4278190853

Inverse Universe

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



4287241825



4289923955



4287265822



4282728002



4286906450



4278517763

Previews

White Background



This preview shows how the Android color 4280181130 looks on a white background.

Color Contrast Check

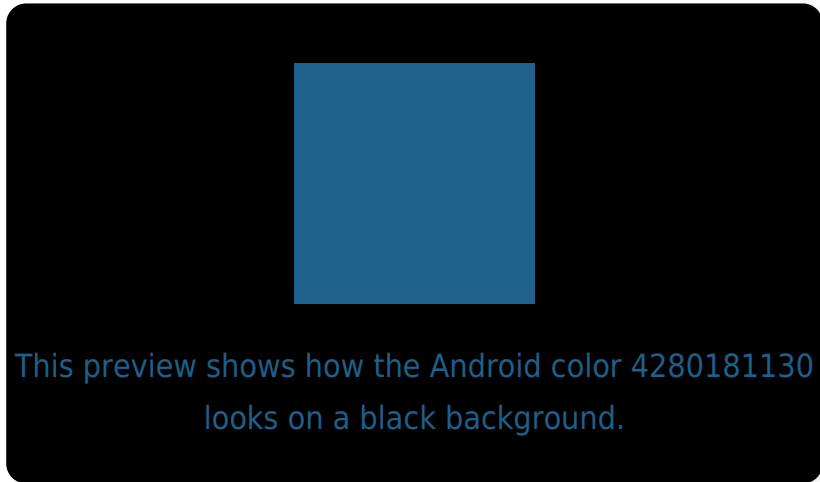
Large Text (above 18pt) WCAG AA ✓ Pass

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

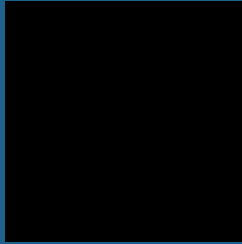
Any Text WCAG AA × Fail

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 4280181130 Background



This preview shows how black text looks on a background with the Android color 4280181130.



This preview shows how white text looks on a background with the Android color 4280181130.

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

4280181130

Protanopia

4283325060

Deuteranopia

4282669963

Trichromacy



Original Color
4280181130

Protanomaly
4282211718

Deuteranomaly
4281752971

Tritanomaly
4278936696

Monochromacy



Original Color
4280181130

Achromatopsia
4283585106

Achromatomaly
4282341222

CSS Examples

Text

The CSS property to change the color of the text to Android 4280181130 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(30, 97, 138)` looks like.

```
.text, #text, p{  
    color:rgb(30, 97, 138)  
}
```

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(30, 97, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 97, 138) }
```

Border

The CSS property to change the border of an element to Android 4280181130 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(30, 97, 138) }
```

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

```
.border{ border-color:rgb(30, 97, 138) }
```

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

Here you see how a box with a 4 pixel rgb(30, 97, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 97, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 97, 138);  
box-shadow:4px 4px 4px 4px rgb(30, 97,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4280181130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 97, 138) }
```

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

```
.background{ background-color: rgb(30, 97,  
138) }
```

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