

Converting Colors

Android(4281171875)

Have a look what the booklet for
Android(4281171875) contains.

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Color

Android(4281171875)

Conversions

Conversions Part 1

Format	Color
Hex	2D7FA3
RGB	45, 127, 163
RGB Percent	18%, 50%, 64%
CMY	0.8235, 0.5020, 0.3608
CMYK	0.72, 0.22, 0.00, 0.36
HSL	198°, 57%, 41%
HSV	198°, 72%, 64%
XYZ	15.2824, 18.3810, 37.3927
YIQ	106.5860, -60.4280, -6.1880

Conversions

Conversions Part 2

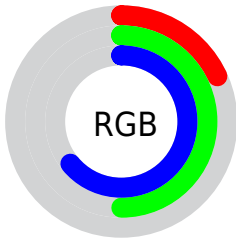
Format	Color
R_{YB}	45, 93, 163
Decimal	2981795
CIE _{Lab}	49.95, -12.40, -26.34
CIE _{LCh}	50, 29.115, 244.788
Yxy	18.3810, 0.2151, 0.2587
Android (android.graphics.Color)	4281171875 (0xFF2D7FA3)
YUV	106.5860, 27.8121, -54.0109
Hunter-Lab	42.8730, -11.4001, -21.7001

Details

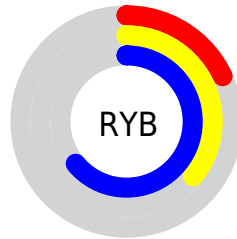
The Android color `4281171875` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4288893229`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4285183194`, and `4278210159` is the 20% darker color. If you saturate the color by 10%, you get `4280122019`, and if you desaturate by 10%, it is `4282221731`.

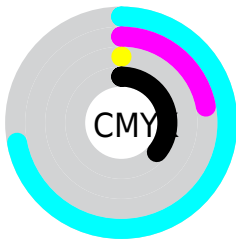
Distribution



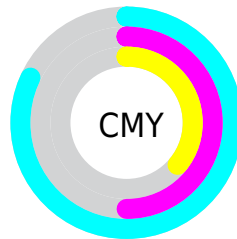
- Red (18%)
- Green (50%)
- Blue (64%)



- Red (18%)
- Yellow (36%)
- Blue (64%)



- Cyan (72%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281171875 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 4281171875 by changing the saturation by 10% instead.



4281171875



4281171875

4294967295



4278216329



4285183194



4278210159



4287090679



4278204247



4288998655



4278198847



4290904063



4278190889



4292804607



4278190355



4294770687



4278190080



4281171875



4281171875



4280122019



4282221731

■ 4279006627

■ 4283337123

■ 4278219171

■ 4284386979

■ 4285436835

■ 4286486691

■ 4287602083

■ 4288651939

■ 4289701795

■ 4290817187

Harmonies

Analogous

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



4278682514



4281171875



4284053672

Triad

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



4281171875



4289094516



4285103693

Complementary

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



4281171875



4288893229

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.



4286805829



4281171875



4289029980

Square

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



4281171875



4288243596



4288179787



4283138657

Rectangle

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



4281171875



4285756068



4288179787



4285693001

Sweetspot

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



4281171875



4289054164



4281181008



4283392875



4293651435



4285229931

Same Dimension

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



4281171875



4280064980



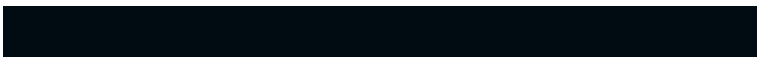
4281157027



4282994514



4278216081



4278193170

Inverse Universe

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



4288884095



4292091035



4288908077



4283582799



4287692901



4279369740

Previews

White Background



This preview shows how the Android color 4281171875 looks on a white background.

Color Contrast Check

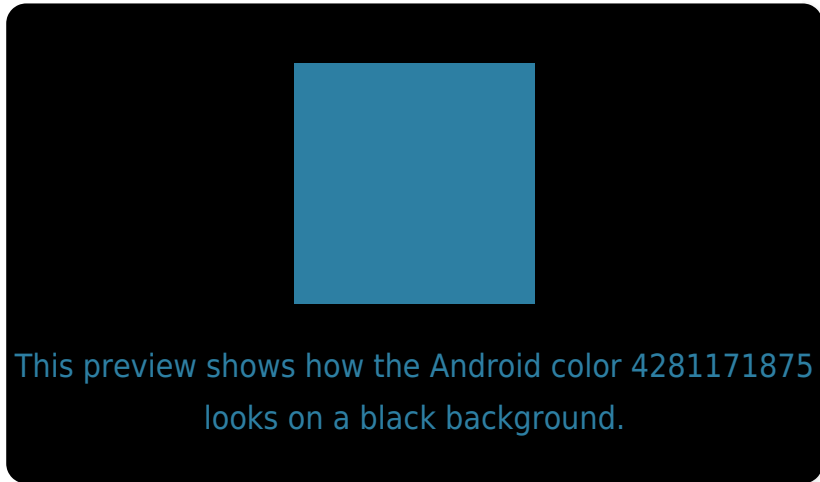
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281171875 Background



This preview shows how black text looks on a background with the Android color 4281171875.

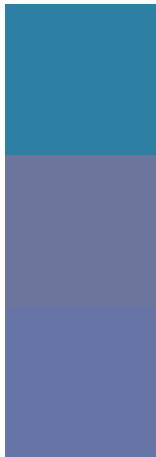


This preview shows how white text looks on a background with the Android color 4281171875.

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
4281171875

Protanopia
4285298075

Deuteranopia
4284904869

Trichromacy



Original Color
4281171875

Protanomaly
4283791774

Deuteranomaly
4283529636

Tritanomaly
4280451733

Monochromacy



Original Color
4281171875

Achromatopsia
4285229931

Achromatomaly
4283724415

CSS Examples

Text

The CSS property to change the color of the text to Android 4281171875 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(45, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(45, 127, 163)  
}
```

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(45, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 127, 163) }
```

Border

The CSS property to change the border of an element to Android 4281171875 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(45, 127, 163) }
```

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

```
.border{ border-color:rgb(45, 127, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(45, 127,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4281171875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 127, 163) }
```

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

```
.background{ background-color: rgb(45, 127,  
163) }
```

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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