

Converting Colors

Android(4281171349)

Have a look what the booklet for
Android(4281171349) contains.

Android(4281171349)	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(4281171349)

Conversions

Conversions Part 1

Format	Color
Hex	2D7D95
RGB	45, 125, 149
RGB Percent	18%, 49%, 58%
CMY	0.8235, 0.5098, 0.4157
CMYK	0.70, 0.16, 0.00, 0.42
HSL	194°, 54%, 38%
HSV	194°, 70%, 58%
XYZ	13.8406, 17.3950, 31.0619
YIQ	103.8160, -55.3840, -9.4960

Conversions

Conversions Part 2

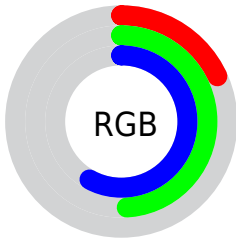
Format	Color
R_{YB}	45, 90, 149
Decimal	2981269
CIE _{Lab}	48.75, -16.06, -20.01
CIE _{LCh}	49, 25.661, 231.257
Yxy	17.3950, 0.2222, 0.2792
Android (android.graphics.Color)	4281171349 (0xFF2D7D95)
YUV	103.8160, 22.2757, -51.5816
Hunter-Lab	41.7074, -13.7525, -14.9615

Details

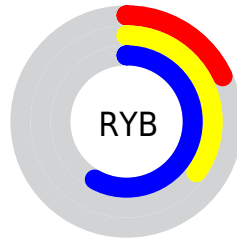
The Android color `4281171349` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4287972653`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285051595`, and `4278209634` is the 20% darker color. If you saturate the color by 10%, you get `4280187541`, and if you desaturate by 10%, it is `4282155157`.

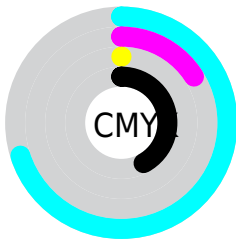
Distribution



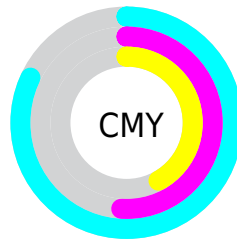
- Red (18%)
- Green (49%)
- Blue (58%)



- Red (18%)
- Yellow (35%)
- Blue (58%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)




- Cyan (82%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281171349 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 4281171349 by changing the saturation by 10% instead.

 4281171349

 4281171349

4294967295

 4278215803

 4285051595

 4278209634

 4286893543

 4278203722

 4288801279

 4278198324

 4290641919


 4278190623

 4292542463

 4278190082

 4294508543

 4278190080

 4281171349

 4281171349

 4280187541

 4282155157

■ 4279203477

■ 4283139221

■ 4278219669

■ 4284123029

■ 4285107093

■ 4286090901

■ 4287009429

■ 4287993237

■ 4288977301

■ 4289961109

Harmonies

Analogous

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



4280909699



4281171349



4283201694

Triad

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



4281171349



4288308347



4285757259

Complementary

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



4281171349



4287972653

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.



4287131721



4281171349



4288636005

Square

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



4281171349



4287195535



4288178515



4284120152

Rectangle

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



4281171349



4284707742



4288178515



4286215497

Sweetspot

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



4281171349



4288264386



4281177412



4282997601



4292927712



4284572001

Same Dimension

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



4281171349



4280261826



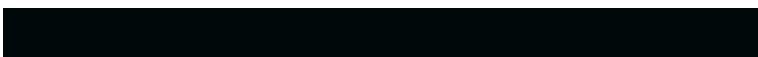
4281158293



4282599498



4278217354



4278192138

Inverse Universe

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



4287966589



4290912156



4287985709



4283056968



4287234154



4278845448

Previews

White Background



This preview shows how the Android color 4281171349 looks on a white background.

Color Contrast Check

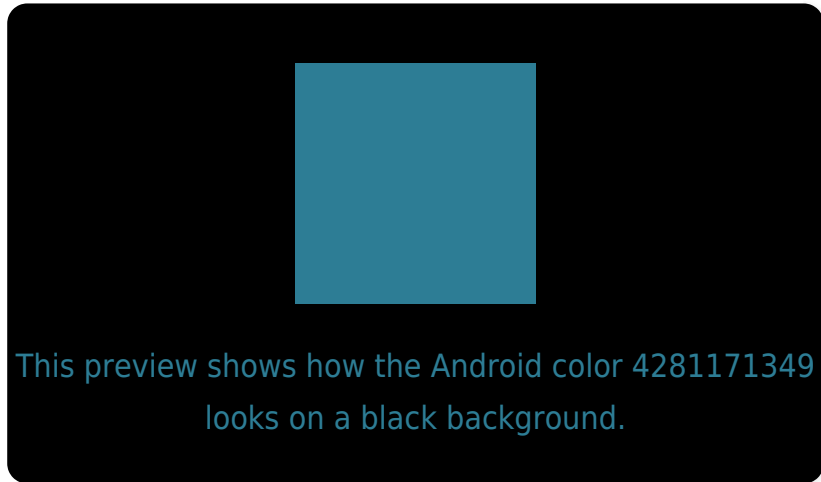
Large Text (above 18pt) WCAG AA ✓ Pass

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

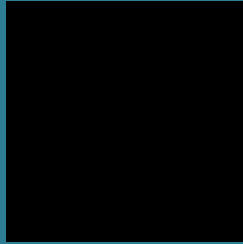
Any Text WCAG AA × Fail

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 4281171349 Background



This preview shows how black text looks on a background with the Android color 4281171349.

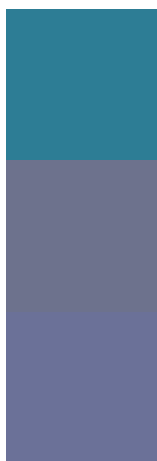


This preview shows how white text looks on a background with the Android color 4281171349.

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

4281171349

Protanopia

4285362829

Deuteranopia

4285231512

Trichromacy



Original Color
4281171349

Protanomaly
4283856528

Deuteranomaly
4283725207

Tritanomaly
4280843917

Monochromacy



Original Color
4281171349

Achromatopsia
4285032552

Achromatomaly
4283658360

CSS Examples

Text

The CSS property to change the color of the text to Android 4281171349 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, 125, 149)` looks like.

```
.text, #text, p{  
    color:rgb(45, 125, 149)  
}
```

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, 125, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 125, 149) }
```

Border

The CSS property to change the border of an element to Android 4281171349 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, 125, 149) }
```

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

```
.border{ border-color:rgb(45, 125, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 125, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 125, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 125, 149);  
box-shadow:4px 4px 4px 4px rgb(45, 125,  
149) }
```

Background

The CSS property to change the background color of an element to Android 4281171349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 125, 149) }
```

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

```
.background{ background-color: rgb(45, 125,  
149) }
```

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