

Converting Colors

Android(4281174429)

Have a look what the booklet for
Android(4281174429) contains.

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Color

Android(4281174429)

Conversions

Conversions Part 1

Format	Color
Hex	2D899D
RGB	45, 137, 157
RGB Percent	18%, 54%, 62%
CMY	0.8235, 0.4627, 0.3843
CMYK	0.71, 0.13, 0.00, 0.38
HSL	191°, 55%, 40%
HSV	191°, 71%, 62%
XYZ	16.1137, 20.8835, 35.0799
YIQ	111.7720, -61.2520, -13.2840

Conversions

Conversions Part 2

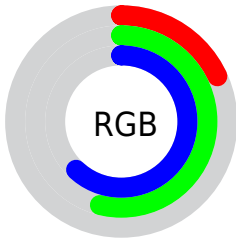
Format	Color
RYB	45, 96, 157
Decimal	2984349
CIELab	52.82, -19.92, -18.45
CIElCh	53, 27.149, 222.811
Yxy	20.8835, 0.2236, 0.2897
Android (android.graphics.Color)	4281174429 (0xFF2D899D)
YUV	111.7720, 22.2974, -58.5590
Hunter-Lab	45.6985, -17.0319, -13.5243

Details

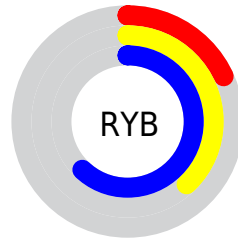
The Android color `4281174429` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288495917`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285186004`, and `4278212458` is the 20% darker color. If you saturate the color by 10%, you get `4280125085`, and if you desaturate by 10%, it is `4282223773`.

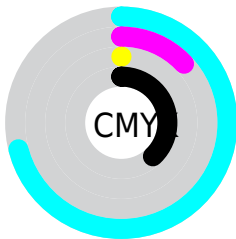
Distribution



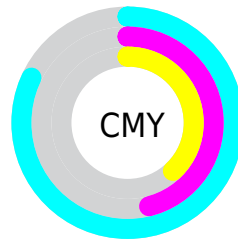
- Red (18%)
- Green (54%)
- Blue (62%)



- Red (18%)
- Yellow (38%)
- Blue (62%)



- Cyan (71%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)




- Cyan (82%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281174429 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 4281174429 by changing the saturation by 10% instead.

 4281174429

 4281174429

4294967295

 4278218627

 4285186004

 4278212458

 4287093488

 4278206289

 4289001471

 4278200634

 4290904063


 4278194981

 4292804607

 4278190350

 4294770687

 4278190080

 4281174429

 4281174429

 4280125085

 4282223773

■ 4279141277

■ 4283207581

■ 4278223261

■ 4284256669

■ 4285306013

■ 4286355357

■ 4287339165

■ 4288388509

■ 4289437597

■ 4290421405

Harmonies

Analogous

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



4281568136



4281174429



4283008170

Triad

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



4281174429



4288900748



4286873680

Complementary

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



4281174429



4288495917

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.



4288313426



4281174429



4289490037

Square

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



4281174429



4287526304



4289229151



4285171291

Rectangle

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



4281174429



4284580012



4289229151



4287397199

Sweetspot

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



4281174429



4288791756



4281179456



4283261286



4293322470



4284900966

Same Dimension

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



4281174429



4280135116



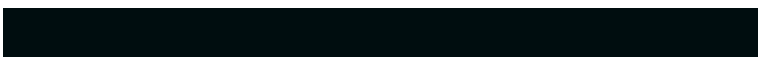
4281160349



4282863183



4278220175



4278193423

Inverse Universe

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



4288490889



4291567021



4288509997



4283385678



4287561845



4279173133

Previews

White Background



This preview shows how the Android color 4281174429 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



This preview shows how the Android color 4281174429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

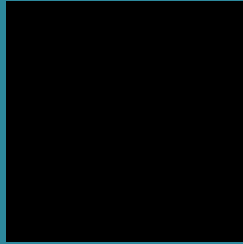
Any Text WCAG AA ✓ Pass

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 4281174429 Background



This preview shows how black text looks on a background with the Android color 4281174429.

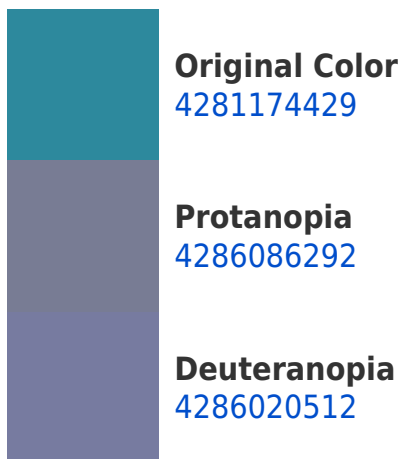


This preview shows how white text looks on a background with the Android color 4281174429.

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
4281174429

Protanomaly
4284318103

Deuteranomaly
4284252319

Tritanomaly
4280978072

Monochromacy



Original Color
4281174429

Achromatopsia
4285558896

Achromatomaly
4283988352

CSS Examples

Text

The CSS property to change the color of the text to Android 4281174429 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, 137, 157)` looks like.

```
.text, #text, p{  
    color:rgb(45, 137, 157)  
}
```

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, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 137, 157) }
```

Border

The CSS property to change the border of an element to Android 4281174429 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, 137, 157) }
```

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

```
.border{ border-color:rgb(45, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 137, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 137, 157);  
box-shadow:4px 4px 4px 4px rgb(45, 137,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4281174429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 137, 157) }
```

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

```
.background{ background-color: rgb(45, 137,  
157) }
```

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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