

Converting Colors

Android(4281429649)

Have a look what the booklet for
Android(4281429649) contains.

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Color

Android(4281429649)

Conversions

Conversions Part 1

Format	Color
Hex	316E91
RGB	49, 110, 145
RGB Percent	19%, 43%, 57%
CMY	0.8078, 0.5686, 0.4314
CMYK	0.66, 0.24, 0.00, 0.43
HSL	202°, 49%, 38%
HSV	202°, 66%, 57%
XYZ	11.9534, 13.8492, 28.8312
YIQ	95.7510, -47.5910, -2.0470

Conversions

Conversions Part 2

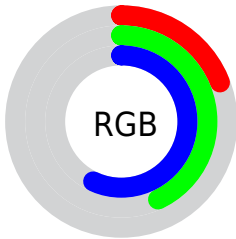
Format	Color
R_{YB}	49, 86, 145
Decimal	3239569
CIE _{Lab}	44.02, -8.18, -24.95
CIE _{LCh}	44, 26.261, 251.848
Yxy	13.8492, 0.2188, 0.2535
Android (android.graphics.Color)	4281429649 (0xFF316E91)
YUV	95.7510, 24.2798, -41.0006
Hunter-Lab	37.2145, -7.7906, -19.8837

Details

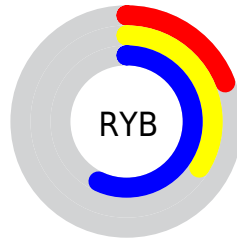
The Android color `4281429649` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287714353`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285178311`, and `4278206302` is the 20% darker color. If you saturate the color by 10%, you get `4280445329`, and if you desaturate by 10%, it is `4282348433`.

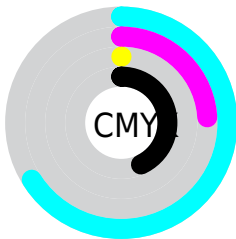
Distribution



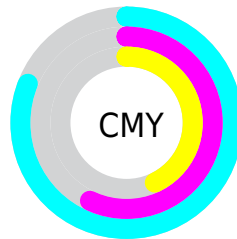
- Red (19%)
- Green (43%)
- Blue (57%)



- Red (19%)
- Yellow (34%)
- Blue (57%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (43%)



- Cyan (81%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281429649 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 4281429649 by changing the saturation by 10% instead.



4281429649



4281429649

4294967295



4278933111



4285178311



4278206302



4286954979



4278200647



4288796927



4278195504



4290639359



4278190363



4292542463



4278190080



4294508543



4281429649



4281429649



4280445329



4282348433

■ 4279526289

■ 4283333009

■ 4278541969

■ 4284251793

■ 4278213777

■ 4285236113

■ 4286220433

■ 4287139473

■ 4288123793

■ 4289042577

■ 4289961617

Harmonies

Analogous

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



4279005828



4281429649



4283918227

Triad

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



4281429649



4287846240



4283854663

Complementary

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



4281429649



4287714353

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.



4285426237



4281429649



4287585100

Square

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



4281429649



4287256950



4286734911



4282086234

Rectangle

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



4281429649



4285293197



4286734911



4284378690

Sweetspot

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



4281429649



4288131005



4281438547



4282930782



4292796126



4284374622

Same Dimension

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



4281429649



4280846013



4281417617



4282402119



4278212231



4278191368

Inverse Universe

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



4287705454



4290586758



4287726385



4282859589



4287037526



4278714373

Previews

White Background



This preview shows how the Android color 4281429649 looks on a white background.

Color Contrast Check

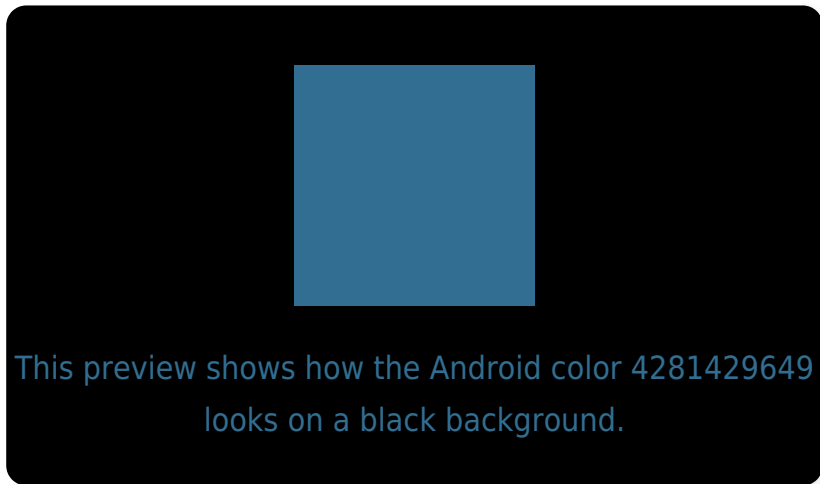
Large Text (above 18pt) WCAG AA ✓ Pass

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

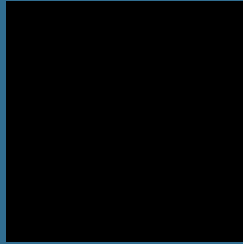
Any Text WCAG AA × Fail

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 4281429649 Background



This preview shows how black text looks on a background with the Android color 4281429649.



This preview shows how white text looks on a background with the Android color 4281429649.

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
4281429649

Protanopia
4284311179

Deuteranopia
4283983763

Trichromacy



Original Color
4281429649

Protanomaly
4283263373

Deuteranomaly
4283067026

Tritanomaly
4280906115

Monochromacy



Original Color
4281429649

Achromatopsia
4284506208

Achromatomaly
4283393394

CSS Examples

Text

The CSS property to change the color of the text to Android 4281429649 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, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(49, 110, 145)  
}
```

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, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 110, 145) }
```

Border

The CSS property to change the border of an element to Android 4281429649 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, 110, 145) }
```

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

```
.border{ border-color:rgb(49, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(49, 110,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4281429649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 110, 145) }
```

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

```
.background{ background-color: rgb(49, 110,  
145) }
```

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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