

Converting Colors

Android(4280449961)

Have a look what the booklet for
Android(4280449961) contains.

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Color

Android(4280449961)

Conversions

Conversions Part 1

Format	Color
Hex	227BA9
RGB	34, 123, 169
RGB Percent	13%, 48%, 66%
CMY	0.8667, 0.5176, 0.3373
CMYK	0.80, 0.27, 0.00, 0.34
HSL	200°, 67%, 40%
HSV	200°, 80%, 66%
XYZ	14.9041, 17.3706, 40.1034
YIQ	101.6330, -67.8100, -4.5620

Conversions

Conversions Part 2

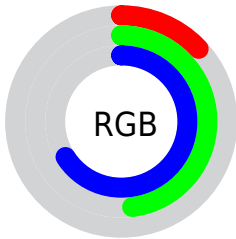
Format	Color
RYB	34, 88, 169
Decimal	2259881
CIELab	48.72, -9.36, -31.77
CIELCh	49, 33.120, 253.590
Yxy	17.3706, 0.2059, 0.2400
Android (android.graphics.Color)	4280449961 (0xFF227BA9)
YUV	101.6330, 33.2119, -59.3141
Hunter-Lab	41.6780, -9.1049, -27.8754

Details

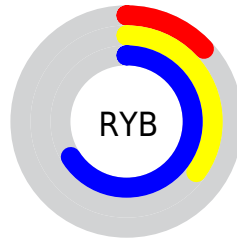
The Android color `4280449961` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289286178`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284854240`, and `4278209141` is the 20% darker color. If you saturate the color by 10%, you get `4279334313`, and if you desaturate by 10%, it is `4281565609`.

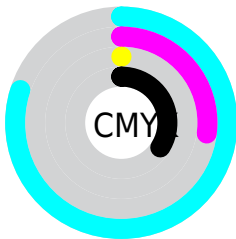
Distribution



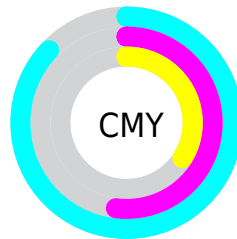
- Red (13%)
- Green (48%)
- Blue (66%)



- Red (13%)
- Yellow (35%)
- Blue (66%)



- Cyan (80%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (87%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280449961 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 4280449961 by changing the saturation by 10% instead.



4280449961



4280449961

4294967295



4278215310



4284854240



4278209141



4286761981



4278203484



4288669695



4278198084



4290576383



4278190894



4292542463



4278190360



4294508543



4278190080



4280449961



4280449961



4279334313



4281565609

■ 4278218665

■ 4282681257

■ 4283796649

■ 4284912297

■ 4285962409

■ 4287078057

■ 4288193449

■ 4289309097

■ 4290424745

Harmonies

Analogous

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



4278223002



4280449961



4284379818

Triad

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



4280449961



4289355112



4284120394

Complementary

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



4280449961



4289286178

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.



4286150204



4280449961



4288963406

Square

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



4280449961



4288700292



4287786302



4281565539

Rectangle

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



4280449961



4286278562



4287786302



4284840772

Sweetspot

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



4280449961



4289186267



4280461647



4283327342



4293783021



4285427310

Same Dimension

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



4280449961



4278818011



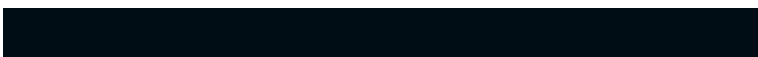
4280433065



4283191636



4278215316



4278193428

Inverse Universe

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



4289274491



4292544916



4289303074



4283714641



4287889506



4279500813

Previews

White Background



This preview shows how the Android color 4280449961 looks on a white background.

Color Contrast Check

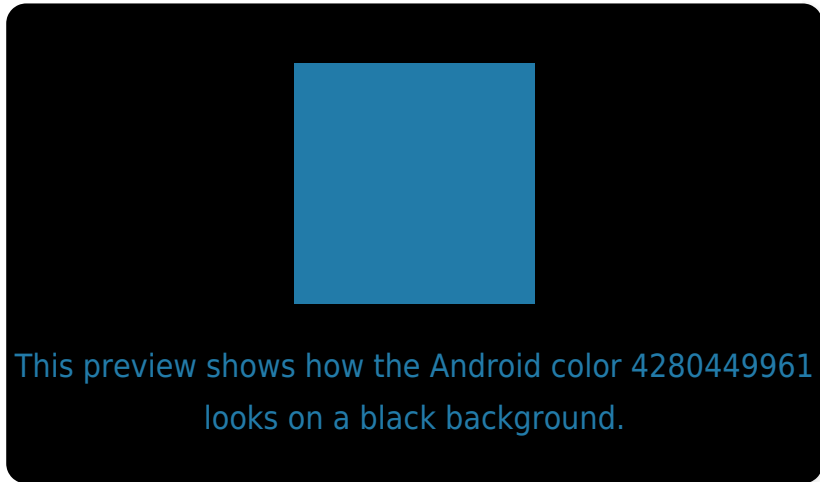
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280449961 Background



This preview shows how black text looks on a background with the Android color 4280449961.



This preview shows how white text looks on a background with the Android color 4280449961.

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
4280449961

Protanomaly
4283200932

Deuteranomaly
4282807722

Tritanomaly
4279008917

Monochromacy



Original Color
4280449961

Achromatopsia
4284900966

Achromatomaly
4283264638

CSS Examples

Text

The CSS property to change the color of the text to Android 4280449961 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(34, 123, 169)` looks like.

```
.text, #text, p{  
    color:rgb(34, 123, 169)  
}
```

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(34, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 123, 169) }
```

Border

The CSS property to change the border of an element to Android 4280449961 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(34, 123, 169) }
```

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

```
.border{ border-color:rgb(34, 123, 169) }
```

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

Here you see how a box with a 4 pixel rgb(34, 123, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(34, 123,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4280449961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 123, 169) }
```

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

```
.background{ background-color: rgb(34, 123,  
169) }
```

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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