

# Converting Colors

Android(4280307309)

Have a look what the booklet for  
Android(4280307309) contains.

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# Color

**Android(4280307309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	204E6D
RGB	32, 78, 109
RGB Percent	13%, 31%, 43%
CMY	0.8745, 0.6941, 0.5725
CMYK	0.71, 0.28, 0.00, 0.57
HSL	204°, 55%, 28%
HSV	204°, 71%, 43%
XYZ	6.0804, 6.8600, 15.4716
YIQ	67.7800, -37.3670, -0.1110

# Conversions

## Conversions Part 2

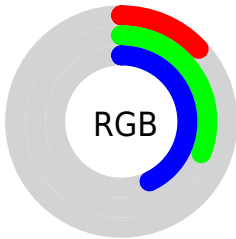
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 61, 109
Decimal	2117229
CIE <sub>Lab</sub>	31.49, -4.71, -22.49
CIE <sub>LCh</sub>	31, 22.981, 258.173
Yxy	6.8600, 0.2140, 0.2414
Android (android.graphics.Color)	4280307309 (0xFF204E6D)
<b>YUV</b>	67.7800, 20.3215, -31.3791
Hunter-Lab	26.1916, -4.3965, -16.6891

# Details

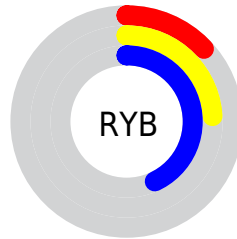
The Android color `4280307309` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4285349664`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283858849`, and `4278198845` is the 20% darker color. If you saturate the color by 10%, you get `4279585389`, and if you desaturate by 10%, it is `4281029229`.

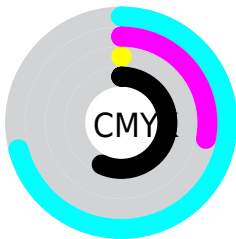
# Distribution



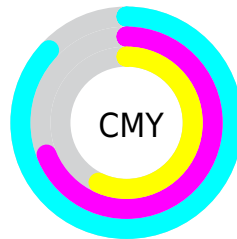
- Red (13%)
- Green (31%)
- Blue (43%)



- Red (13%)
- Yellow (24%)
- Blue (43%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (69%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280307309 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 4280307309 by changing the saturation by 10% instead.





4280307309



4280307309

4294967295



4278204245



4283858849



4278198845



4285569468



4278192935



4287345880



4278190353



4289187828



4278190080



4291030015



4292870143



4294836223



4280307309



4280307309

■ 4279585389

■ 4281029229

■ 4278863213

■ 4281751405

■ 4278206829

■ 4282473325

■ 4283195501

■ 4283851885

■ 4284573805

■ 4285295981

■ 4286017901

■ 4286739821

# Harmonies

## Analogous

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



4278211172



4280307309



4282468460

# Triad

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



4280307309



4285348928



4281749809

# Complementary

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



4280307309



4285349664

# 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.



4283124775



4280307309



4285022256

# Square

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



4280307309



4285021522



4284237607



4280111938

# Rectangle

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



4280307309



4283581542



4284237607



4282208301



# Sweetspot

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



4280307309



4285629327



4280315199



4281745479



4291282887



4282861383



# Same Dimension

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



4280307309



4279590543



4280297581



4281348918



4278208117



4278227701



# Inverse Universe

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



4285341774



4287567198



4285359392



4281741363



4285857862

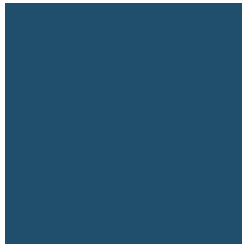


4294246546



# Previews

## White Background



This preview shows how the Android color 4280307309 looks on a white background.

## Color Contrast Check

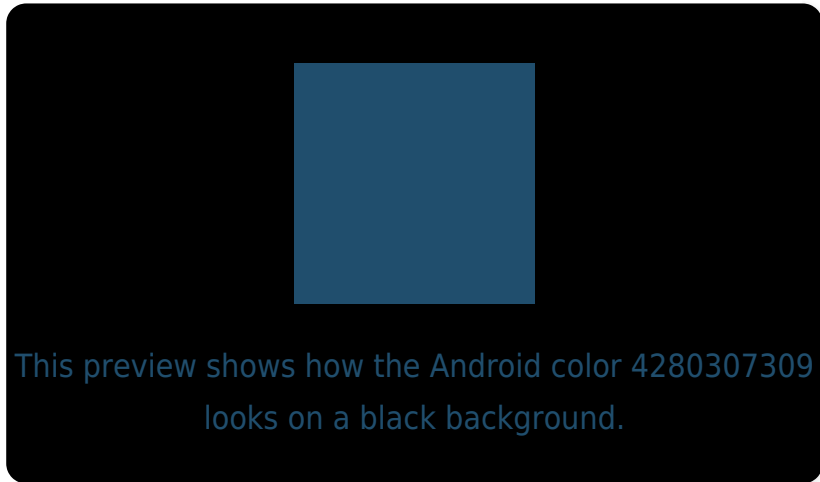
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

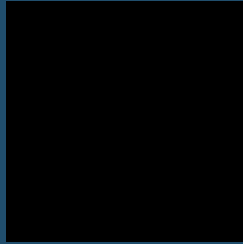
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280307309 Background



This preview shows how black text looks on a background with the Android color 4280307309.

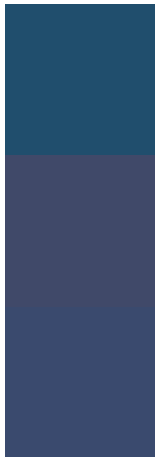


This preview shows how white text looks on a background with the Android color 4280307309.

# 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**  
4280307309

**Protanopia**  
4282403177

**Deuteranopia**  
4282010222



# Trichromacy



**Original Color**

4280307309

**Protanomaly**

4281617258

**Deuteranomaly**

4281420654

**Tritanomaly**

4279652704

# Monochromacy



**Original Color**

4280307309

**Achromatopsia**

4282664004

**Achromatomaly**

4281813075

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280307309 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(32, 78, 109)` looks like.

```
.text, #text, p{  
    color:rgb(32, 78, 109)  
}
```

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(32, 78, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 78, 109) }
```

## Border

The CSS property to change the border of an element to Android 4280307309 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(32, 78, 109) }
```

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

```
.border{ border-color:rgb(32, 78, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 78, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 78, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 78, 109);  
box-shadow:4px 4px 4px 4px rgb(32, 78,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4280307309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 78, 109) }
```

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

```
.background{ background-color: rgb(32, 78,  
109) }
```

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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