

# Converting Colors

Android(4278415261)

Have a look what the booklet for  
Android(4278415261) contains.

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# Color

**Android(4278415261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	036F9D
RGB	3, 111, 157
RGB Percent	1%, 44%, 62%
CMY	0.9882, 0.5647, 0.3843
CMYK	0.98, 0.29, 0.00, 0.38
HSL	198°, 96%, 31%
HSV	198°, 98%, 62%
XYZ	11.8078, 13.8226, 33.9440
YIQ	83.9520, -79.1340, -8.5900

# Conversions

## Conversions Part 2

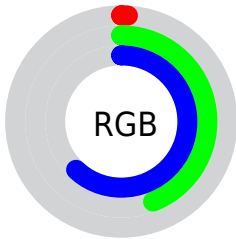
Format	Color
<a href="#">RYB</a>	<a href="#">3, 66, 157</a>
Decimal	<a href="#">225181</a>
CIELab	<a href="#">43.98, -9.04, -32.20</a>
CIELCh	<a href="#">44, 33.446, 254.325</a>
Yxy	<a href="#">13.8226, 0.1982, 0.2320</a>
Android (android.graphics.Color)	<a href="#">4278415261 (0xFF036F9D)</a>
YUV	<a href="#">83.9520, 36.0127, -70.9949</a>
Hunter-Lab	<a href="#">37.1787, -8.3719, -28.1064</a>

# Details

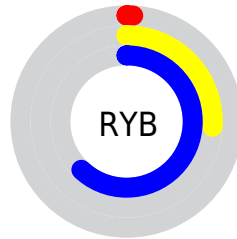
The Android color `4278415261` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288491779`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4283933652`, and `4278206569` is the 20% darker color. If you saturate the color by 10%, you get `4278218397`, and if you desaturate by 10%, it is `4279465117`.

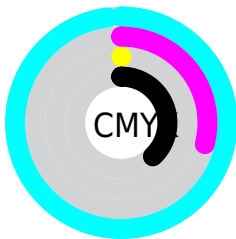
# Distribution



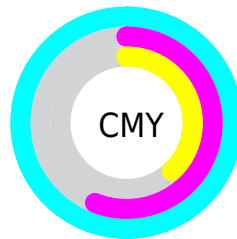
- Red (1%)
- Green (44%)
- Blue (62%)



- Red (1%)
- Yellow (26%)
- Blue (62%)



- Cyan (98%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (99%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278415261 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 4278415261 by changing the saturation by 10% instead.





4278415261



4278415261

4294967295



4278212483



4283933652



4278206569



4285841136



4278200913



4287814143



4278195770



4289722111



4278190628



4291624959



4278190091



4293591039



4278190080



4278415261



4278415261



4278218397



4279465117

■ 4280449181

■ 4281499037

■ 4282548893

■ 4283598493

■ 4284582813

■ 4285632669

■ 4286682525

■ 4287666589

# Harmonies

## Analogous

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



4278219918



4278415261



4283655838

# Triad

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



4278415261



4288500060



4283265343

# Complementary

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



4278415261



4288491779

# 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.



4285295408



4278415261



4288108354

# Square

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



4278415261



4287910776



4286931250



4280448344

# Rectangle

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



4278415261



4285554582



4286931250



4283985721



# Sweetspot

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



4278415261



4287740620



4278426927



4282538854



4293322470



4284900966



# Same Dimension

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



4278415261



4278226892



4278396061



4282862927



4278215823



4278192911



# Inverse Universe

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



4288480111



4291559567



4288510979



4283385677



4287561828



4279173131



# Previews

## White Background



This preview shows how the Android color 4278415261 looks on a white background.

## Color Contrast Check

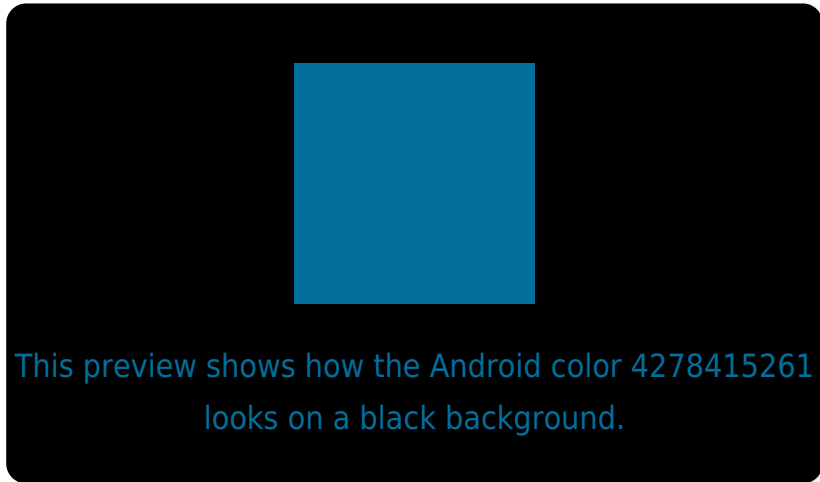
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278415261 Background



This preview shows how black text looks on a background with the Android color 4278415261.

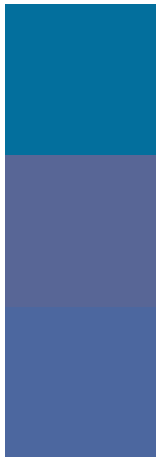


This preview shows how white text looks on a background with the Android color 4278415261.

# 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**  
4278415261

**Protanopia**  
4283983510

**Deuteranopia**  
4283197343



# Trichromacy



**Original Color**  
4278415261

**Protanomaly**  
4281952665

**Deuteranomaly**  
4281428638

**Tritanomaly**  
4278284936

# Monochromacy



**Original Color**  
4278415261

**Achromatopsia**  
4283716692

**Achromatomaly**  
4281818735

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278415261 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(3, 111, 157)` looks like.

```
.text, #text, p{  
    color:rgb(3, 111, 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(3, 111, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 111, 157) }
```

## Border

The CSS property to change the border of an element to Android 4278415261 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(3, 111, 157) }
```

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

```
.border{ border-color:rgb(3, 111, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 111, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 111, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 111, 157);  
box-shadow:4px 4px 4px 4px rgb(3, 111,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4278415261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 111, 157) }
```

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

```
.background{ background-color: rgb(3, 111,  
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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