

# Converting Colors

Android(4278921801)

Have a look what the booklet for  
Android(4278921801) contains.

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# Color

**Android(4278921801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B2A49
RGB	11, 42, 73
RGB Percent	4%, 16%, 29%
CMY	0.9569, 0.8353, 0.7137
CMYK	0.85, 0.42, 0.00, 0.71
HSL	210°, 74%, 16%
HSV	210°, 85%, 29%
XYZ	2.1686, 2.2081, 6.6152
YIQ	36.2650, -28.4270, 3.0690

# Conversions

## Conversions Part 2

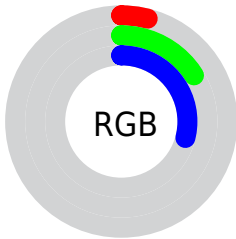
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 32, 73
Decimal	731721
CIE Lab	16.54, 1.54, -22.52
CIE LCh	17, 22.568, 273.910
Yxy	2.2081, 0.1973, 0.2009
Android (android.graphics.Color)	4278921801 (0xFF0B2A49)
YUV	36.2650, 18.1104, -22.1574
Hunter-Lab	14.8597, 0.0451, -15.9929

# Details

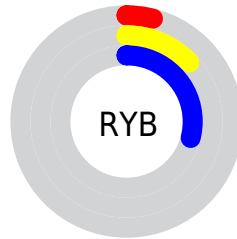
The Android color **4278921801** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282984971**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4282406778**, and **4278190621** is the 20% darker color. If you saturate the color by 10%, you get **4278462025**, and if you desaturate by 10%, it is **4279381577**.

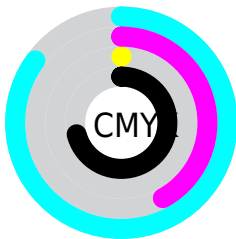
# Distribution



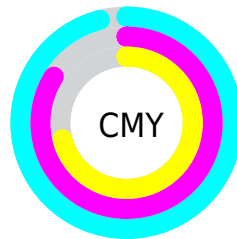
- Red (4%)
- Green (16%)
- Blue (29%)



- Red (4%)
- Yellow (13%)
- Blue (29%)



- Cyan (85%)
- Magenta (42%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (84%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278921801 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 4278921801 by changing the saturation by 10% instead.





4278921801



4278921801

4294836223



4278195762



4282406778



4278190621



4284051348



4278190080



4285761966



4287472586



4289248998



4291091199



4292933375



4278921801



4278921801

■ 4278462025

■ 4279381577

■ 4278199625

■ 4279906633

■ 4280366409

■ 4280826185

■ 4281285705

■ 4281811017

■ 4282270793

■ 4282730313

■ 4283255625

# Harmonies

## Analogous

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



4278201926



4278921801



4281082948

# Triad

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



4278921801



4282719512



4278595610

# Complementary

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



4278921801



4282984971

# 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.



4280233228



4278921801



4282196746

# Square

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



4278921801



4282784295



4281346308



4278202667

# Rectangle

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



4278921801



4281933628



4281346308



4279316245



# Sweetspot

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



4278921801



4282864478



4278929706



4280428848



4289769648



4281348144



# Same Dimension

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



4278921801



4278202206



4278913865



4280295972



4278202979



4278219235



# Inverse Universe

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



4282977066



4284350511



4282992907



4280557602



4284678194



4293066865



# Previews

## White Background



This preview shows how the Android color 4278921801 looks on a white background.

## Color Contrast Check

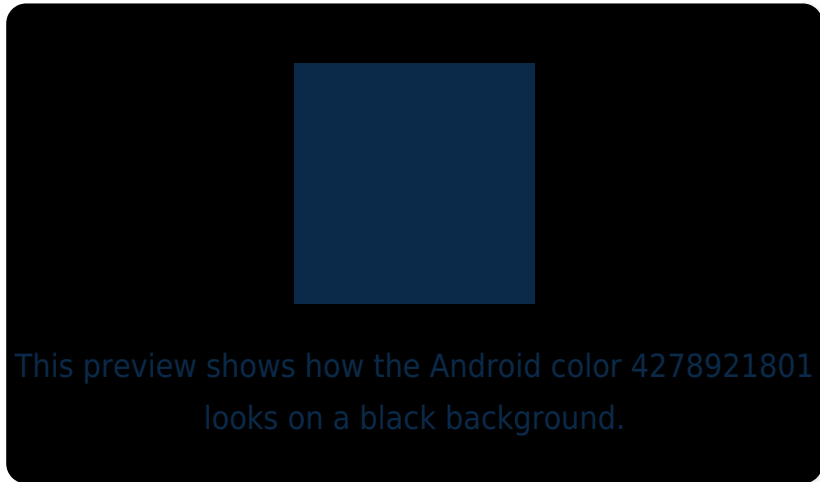
Large Text (above 18pt) WCAG AA ✓ Pass

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

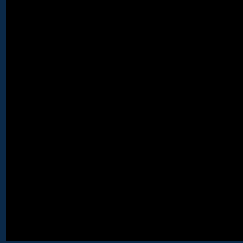
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278921801 Background



This preview shows how black text looks on a background with the Android color 4278921801.



This preview shows how white text looks on a background with the Android color 4278921801.

# 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**  
4278921801

**Protanopia**  
4280035399

**Deuteranopia**  
4279052873



# Trichromacy



**Original Color**  
4278921801

**Protanomaly**  
4279642440

**Deuteranomaly**  
4278987337

**Tritanomaly**  
4278463802

# Monochromacy



**Original Color**  
4278921801

**Achromatopsia**  
4280558628

**Achromatomaly**  
4279969329

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278921801 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(11, 42, 73)` looks like.

```
.text, #text, p{  
    color:rgb(11, 42, 73)  
}
```

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(11, 42, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 42, 73) }
```

## Border

The CSS property to change the border of an element to Android 4278921801 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(11, 42, 73) }
```

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

```
.border{ border-color:rgb(11, 42, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 42, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 42, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 42, 73);  
box-shadow:4px 4px 4px 4px rgb(11, 42, 73)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278921801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 42, 73) }
```

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

```
.background{ background-color: rgb(11, 42,  
73) }
```

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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