

# Converting Colors

Android(4278271049)

Have a look what the booklet for  
Android(4278271049) contains.

<b>Android(4278271049)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278271049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	013C49
RGB	1, 60, 73
RGB Percent	0%, 24%, 29%
CMY	0.9961, 0.7647, 0.7137
CMYK	0.99, 0.18, 0.00, 0.71
HSL	191°, 97%, 15%
HSV	191°, 99%, 29%
XYZ	2.8310, 3.7192, 6.8720
YIQ	43.8410, -39.3370, -8.4650

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 33, 73
Decimal	80969
CIE Lab	22.72, -11.91, -12.87
CIE LCh	23, 17.534, 227.219
Yxy	3.7192, 0.2109, 0.2771
Android (android.graphics.Color)	4278271049 (0xFF013C49)
YUV	43.8410, 14.3754, -37.5716
Hunter-Lab	19.2853, -7.5463, -7.6274

# Details

The Android color **4278271049** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282977793**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4282149754**, and **4278194717** is the 20% darker color. If you saturate the color by 10%, you get **4278205513**, and if you desaturate by 10%, it is **4278730057**.

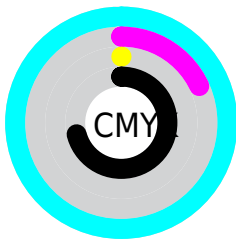
# Distribution



- Red (0%)
- Green (24%)
- Blue (29%)



- Red (0%)
- Yellow (13%)
- Blue (29%)



- Cyan (99%)
- Magenta (18%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278271049 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 4278271049 by changing the saturation by 10% instead.



 4278271049

 4278271049

 4294705151

 4278199858

 4282149754

 4278194717

 4283860371

 4278190081

 4285570990

 4278190080

 4287281865

 4289124069

 4290900735

 4292804607

 4278271049

 4278271049

■ 4278205513

■ 4278730057

■ 4279254857

■ 4279713865

■ 4280172873

■ 4280632137

■ 4281156681

■ 4281615689

■ 4282074953

■ 4282599497

# Harmonies

## Analogous

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



4278402366



4278271049



4279843151

# Triad

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



4278271049



4283182396



4281808925

# Complementary

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



4278271049



4282977793

# 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.



4282659869



4278271049



4283444271

# Square

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



4278271049



4282462280



4283182884



4280826660

# Rectangle

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



4278271049



4280825424



4283182884



4282136092



# Sweetspot

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



4278271049



4282538334



4278274317



4280233264



4289769648



4281348144



# Same Dimension

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



4278271049



4278209886



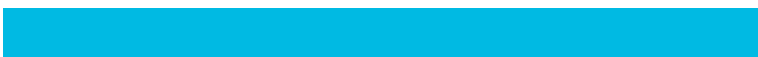
4278262089



4280296228



4278210915



4278237923



# Inverse Universe

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



4282974524



4284350541



4282986753



4280557603



4284678225



4293066938



# Previews

## White Background



This preview shows how the Android color 4278271049 looks on a white background.

## Color Contrast Check

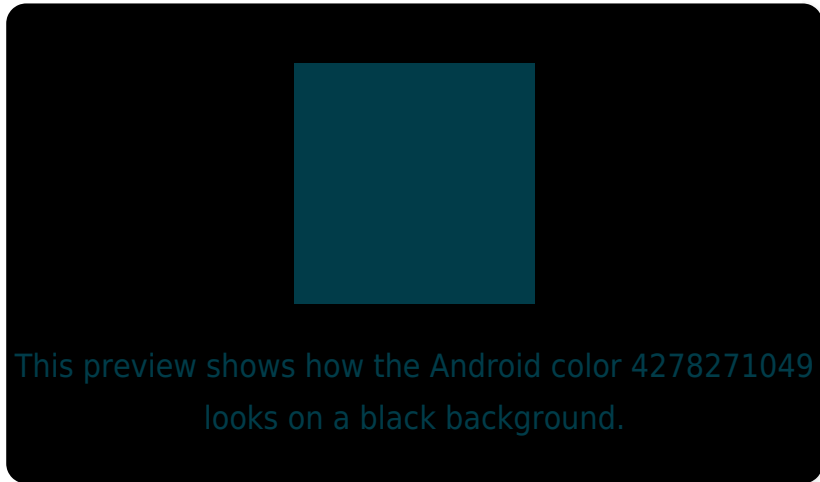
Large Text (above 18pt) WCAG AA ✓ Pass

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

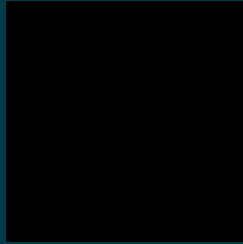
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278271049 Background



This preview shows how black text looks on a background with the Android color 4278271049.



This preview shows how white text looks on a background with the Android color 4278271049.

# 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**

4278271049

**Protanopia**

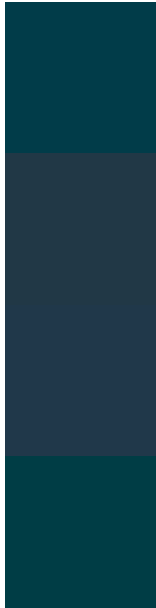
4281546309

**Deuteranopia**

4281415242



# Trichromacy



**Original Color**

4278271049

**Protanomaly**

4280367174

**Deuteranomaly**

4280301642

**Tritanomaly**

4278205765

# Monochromacy



**Original Color**

4278271049

**Achromatopsia**

4281084972

**Achromatomaly**

4280037943

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278271049 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(1, 60, 73)` looks like.

```
.text, #text, p{  
    color:rgb(1, 60, 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(1, 60, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 60, 73) }
```

## Border

The CSS property to change the border of an element to Android 4278271049 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(1, 60, 73) }
```

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

```
.border{ border-color:rgb(1, 60, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 60, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 60, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 60, 73); box-shadow:4px  
4px 4px 4px rgb(1, 60, 73) }
```

# Background

The CSS property to change the background color of an element to Android 4278271049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 60, 73) }
```

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

```
.background{ background-color: rgb(1, 60,  
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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