

# Converting Colors

Android(4279324001)

Have a look what the booklet for  
Android(4279324001) contains.

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# Color

**Android(4279324001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	114D61
RGB	17, 77, 97
RGB Percent	7%, 30%, 38%
CMY	0.9333, 0.6980, 0.6196
CMYK	0.82, 0.21, 0.00, 0.62
HSL	195°, 70%, 22%
HSV	195°, 82%, 38%
XYZ	5.0427, 6.2900, 12.2576
YIQ	61.3400, -42.1800, -6.5000

# Conversions

## Conversions Part 2

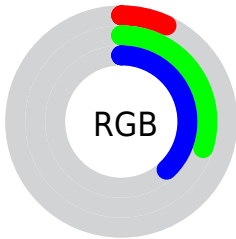
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 51, 97
Decimal	1133921
CIELab	30.13, -10.97, -17.03
CIElCh	30, 20.258, 237.219
Yxy	6.2900, 0.2138, 0.2666
Android (android.graphics.Color)	4279324001 (0xFF114D61)
YUV	61.3400, 17.5804, -38.8862
Hunter-Lab	25.0799, -7.9994, -11.4216

# Details

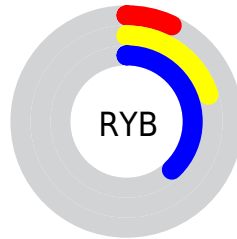
The Android color `4279324001` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284556561`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4283137684`, and `4278198579` is the 20% darker color. If you saturate the color by 10%, you get `4278668129`, and if you desaturate by 10%, it is `4279979873`.

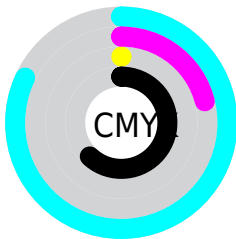
# Distribution



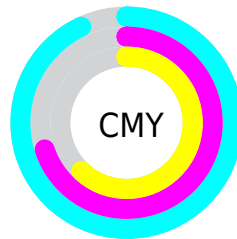
- Red (7%)
- Green (30%)
- Blue (38%)



- Red (7%)
- Yellow (20%)
- Blue (38%)



- Cyan (82%)
- Magenta (21%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (70%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279324001 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 4279324001 by changing the saturation by 10% instead.





4279324001



4279324001

4294967295



4278203977



4283137684



4278198579



4284848302



4278190878



4286624714



4278190080



4288401126



4290243327



4292083711



4293984255



4279324001



4279324001

■ 4278668129

■ 4279979873

■ 4278208865

■ 4280570465

■ 4281226337

■ 4281882465

■ 4282538337

■ 4283128929

■ 4283784801

■ 4284440673

■ 4285031265

# Harmonies

## Analogous

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



4278538069



4279324001



4281223526

# Triad

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



4279324001



4284758857



4282599978

# Complementary

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



4279324001



4284556561

# 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.



4283647527



4279324001



4284824633

# Square

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



4279324001



4284038744



4284432429



4281355829

# Rectangle

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



4279324001



4282336613



4284432429



4282927400



# Sweetspot

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



4279324001



4284380541



4279329061



4281154368



4290756543



4282400832



# Same Dimension

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



4279324001



4278279805



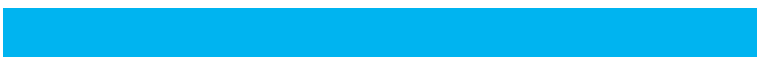
4279313761



4281085744



4278211696



4278236400



# Inverse Universe

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



4284551501



4286382430



4284566801



4281347119



4285530196



4293918900



# Previews

## White Background



This preview shows how the Android color 4279324001 looks on a white background.

## Color Contrast Check

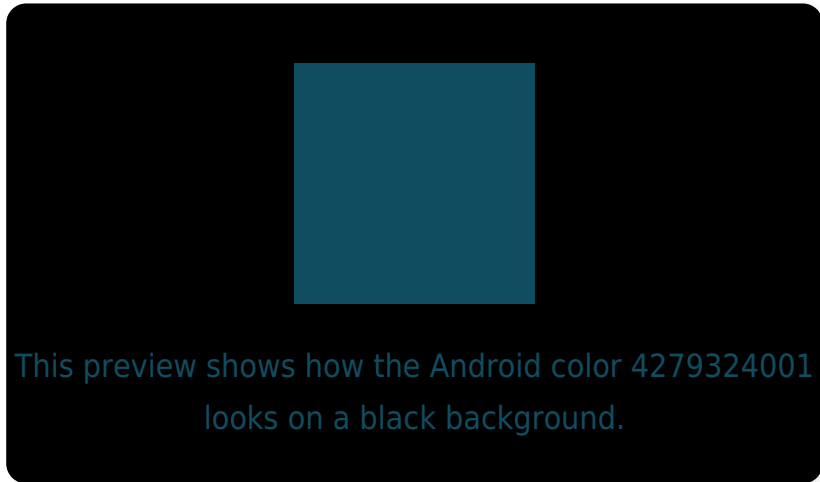
Large Text (above 18pt) WCAG AA ✓ Pass

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

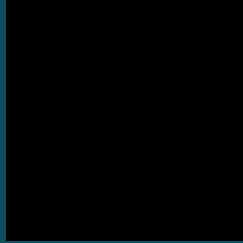
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

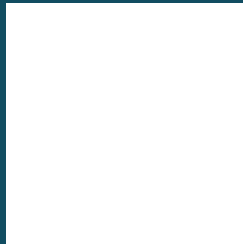
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279324001 Background



This preview shows how black text looks on a background with the Android color 4279324001.



This preview shows how white text looks on a background with the Android color 4279324001.

# 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



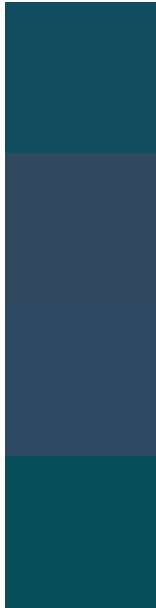
**Original Color**  
4279324001

**Protanopia**  
4282467932

**Deuteranopia**  
4282271331



# Trichromacy



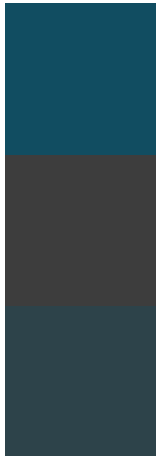
**Original Color**  
4279324001

**Protanomaly**  
4281354590

**Deuteranomaly**  
4281223522

**Tritanomaly**  
4278603353

# Monochromacy



**Original Color**  
4279324001

**Achromatopsia**  
4282203453

**Achromatomaly**  
4281156426

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279324001 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(17, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(17, 77, 97)  
}
```

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(17, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 77, 97) }
```

## Border

The CSS property to change the border of an element to Android 4279324001 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(17, 77, 97) }
```

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

```
.border{ border-color:rgb(17, 77, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 77, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(17, 77, 97)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279324001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 77, 97) }
```

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

```
.background{ background-color: rgb(17, 77,  
97) }
```

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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