

# Converting Colors

Android(4279844174)

Have a look what the booklet for  
Android(4279844174) contains.

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# Color

**Android(4279844174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	193D4E
RGB	25, 61, 78
RGB Percent	10%, 24%, 31%
CMY	0.9020, 0.7608, 0.6941
CMYK	0.68, 0.22, 0.00, 0.69
HSL	199°, 51%, 20%
HSV	199°, 68%, 31%
XYZ	3.4448, 4.0942, 7.8164
YIQ	52.1740, -26.9130, -2.3450

# Conversions

## Conversions Part 2

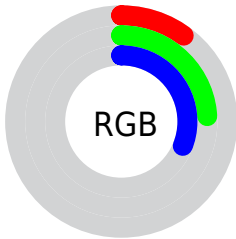
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 46, 78
Decimal	1654094
CIE <sub>Lab</sub>	23.98, -6.86, -14.19
CIE <sub>LCh</sub>	24, 15.762, 244.189
Yxy	4.0942, 0.2243, 0.2666
Android (android.graphics.Color)	4279844174 (0xFF193D4E)
YUV	52.1740, 12.7322, -23.8316
Hunter-Lab	20.2342, -5.0208, -8.7397

# Details

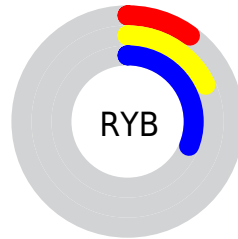
The Android color `4279844174` is a dark color, and the websafe version is hex `003333`. A complement of this color would be `4283312665`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4283133055`, and `4278194978` is the 20% darker color. If you saturate the color by 10%, you get `4279319118`, and if you desaturate by 10%, it is `4280369230`.

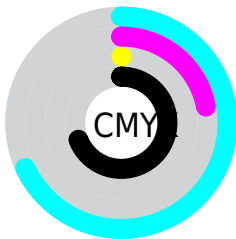
# Distribution



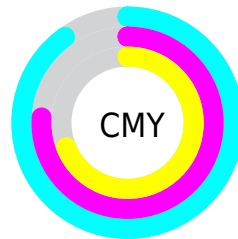
- Red (10%)
- Green (24%)
- Blue (31%)



- Red (10%)
- Yellow (18%)
- Blue (31%)



- Cyan (68%)
- Magenta (22%)
- Yellow (0%)
- Black (69%)



- Cyan (90%)
- Magenta (76%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279844174 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 4279844174 by changing the saturation by 10% instead.



■ 4279844174

■ 4279844174

4294967295

■ 4278200119

■ 4283133055

■ 4278194978

■ 4284778137

■ 4278190089

■ 4286488756

■ 4278190080

■ 4288199631

■ 4290041580

■ 4291884031

■ 4293722111

■ 4279844174

■ 4279844174

■ 4279319118

■ 4280369230

■ 4278794318

■ 4280894030

■ 4278334798

■ 4281353550

■ 4278203726

■ 4281878350

■ 4282403406

■ 4282928206

■ 4283453262

■ 4283912526

■ 4284437582

# Harmonies

## Analogous

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



4279189318



4279844174



4281023056

# Triad

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



4279844174



4283445304



4281547813

# Complementary

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



4279844174



4283312665

# 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.



4282333473



4279844174



4283445548

# Square

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



4279844174



4282987076



4283053348



4280631086

# Rectangle

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



4279844174



4281808719



4283053348



4281809699



# Sweetspot

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



4279844174



4283588454



4279848490



4280758067



4289967027



4281545523



# Same Dimension

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



4279844174



4279389030



4279837518



4280427814



4278207846



4278230246



# Inverse Universe

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



4283308349



4284879435



4283319321



4280689189



4284874821

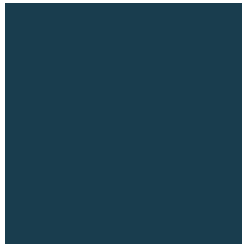


4293263516



# Previews

## White Background



This preview shows how the Android color 4279844174 looks on a white background.

## Color Contrast Check

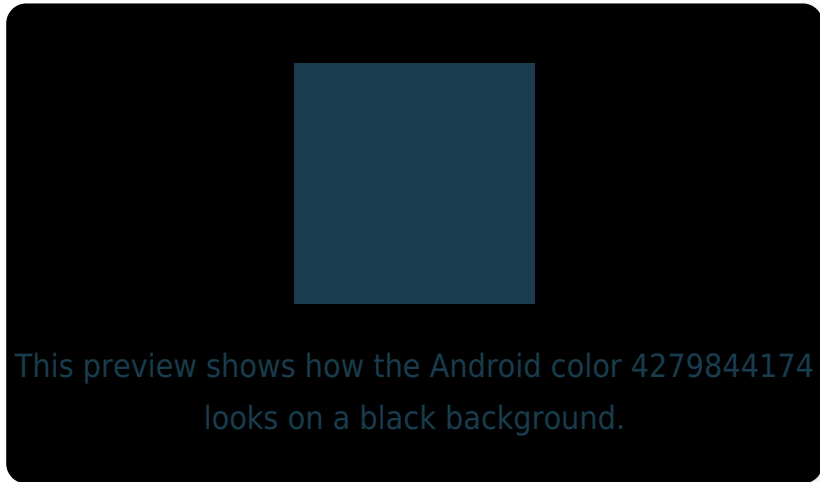
Large Text (above 18pt) WCAG AA ✓ Pass

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

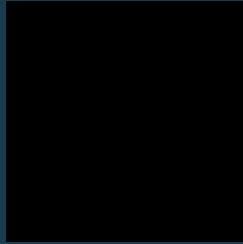
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279844174 Background



This preview shows how black text looks on a background with the Android color 4279844174.



This preview shows how white text looks on a background with the Android color 4279844174.

# 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**

4279844174

**Protanopia**

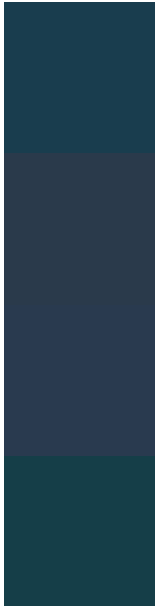
4281612362

**Deuteranopia**

4281481295



# Trichromacy



**Original Color**

4279844174

**Protanomaly**

4280957515

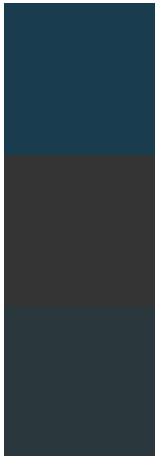
**Deuteranomaly**

4280891983

**Tritanomaly**

4279582280

# Monochromacy



**Original Color**

4279844174

**Achromatopsia**

4281611316

**Achromatomaly**

4280956733

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279844174 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(25, 61, 78) looks like.

```
.text, #text, p{  
    color:rgb(25, 61, 78)  
}
```

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(25, 61, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 61, 78) }
```

## Border

The CSS property to change the border of an element to Android 4279844174 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(25, 61, 78) }
```

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

```
.border{ border-color:rgb(25, 61, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 61, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 61, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 61, 78);  
box-shadow:4px 4px 4px 4px rgb(25, 61, 78)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279844174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 61, 78) }
```

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

```
.background{ background-color: rgb(25, 61,  
78) }
```

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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