

Converting Colors

Android(4278477174)

Have a look what the booklet for
Android(4278477174) contains.

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Color

Android(4278477174)

Conversions

Conversions Part 1

Format	Color
Hex	046176
RGB	4, 97, 118
RGB Percent	2%, 38%, 46%
CMY	0.9843, 0.6196, 0.5373
CMYK	0.97, 0.18, 0.00, 0.54
HSL	191°, 93%, 24%
HSV	191°, 97%, 46%
XYZ	7.5948, 9.8832, 18.6469
YIQ	71.5870, -62.1690, -13.1850

Conversions

Conversions Part 2

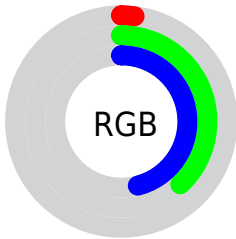
Format	Color
RYB	4, 55, 118
Decimal	287094
CIELab	37.63, -15.81, -18.60
CIELCh	38, 24.411, 229.623
Yxy	9.8832, 0.2102, 0.2736
Android (android.graphics.Color)	4278477174 (0xFF046176)
YUV	71.5870, 22.8816, -59.2738
Hunter-Lab	31.4376, -11.8932, -13.1610

Details

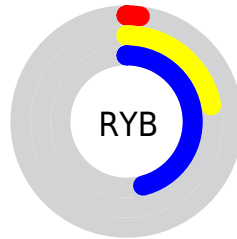
The Android color `4278477174` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285929732`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4283274410`, and `4278202950` is the 20% darker color. If you saturate the color by 10%, you get `4278214774`, and if you desaturate by 10%, it is `4279264118`.

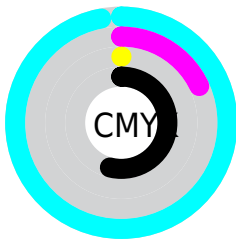
Distribution



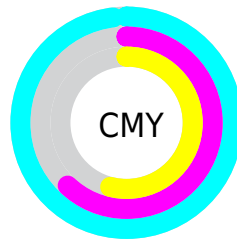
- Red (2%)
- Green (38%)
- Blue (46%)



- Red (2%)
- Yellow (22%)
- Blue (46%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278477174 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 4278477174 by changing the saturation by 10% instead.

 4278477174

 4278477174

4294967295

 4278208861

 4283274410

 4278202950

 4285116101

 4278197807

 4286892770

 4278190363

 4288800510

 4278190080

 4290641919

 4292542463

 4294443007

 4278477174

 4278477174

■ 4278214774

■ 4279264118

■ 4280051062

■ 4280772726

■ 4281559670

■ 4282346614

■ 4283133558

■ 4283920502

■ 4284641910

■ 4285429110

Harmonies

Analogous

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



4278477669



4278477174



4281294207

Triad

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



4278477174



4286204512



4283980595

Complementary

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



4278477174



4285929732

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.



4285224242



4278477174



4286532172

Square

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



4278477174



4285222770



4286139963



4282540094

Rectangle

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



4278477174



4282800255



4286139963



4284438833

Sweetspot

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



4278477174



4285370777



4278482457



4281485389



4291611852



4283256141

Same Dimension

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



4278477174



4278222233



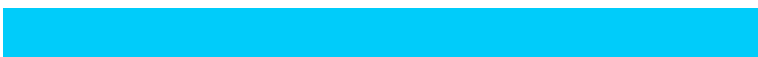
4278462582



4281678395



4278215802



4278242554

Inverse Universe

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



4285924449



4288217213



4285944324



4282070330



4286185572



4294574284

Previews

White Background



This preview shows how the Android color 4278477174 looks on a white background.

Color Contrast Check

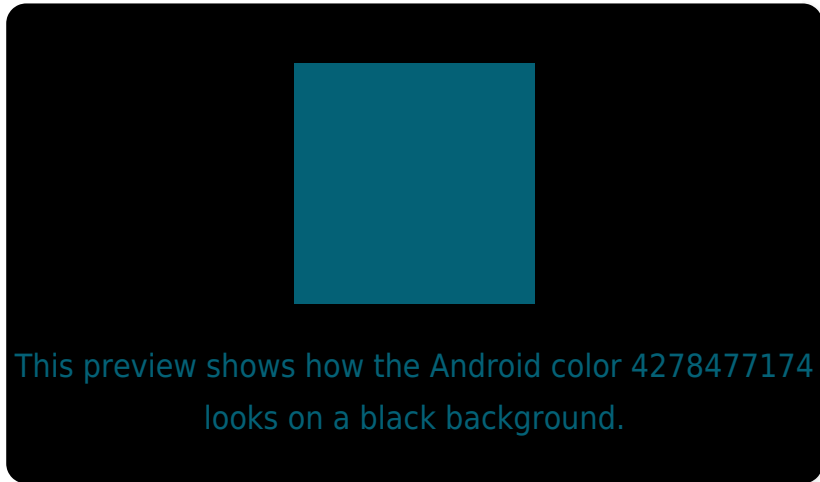
Large Text (above 18pt) WCAG AA ✓ Pass

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

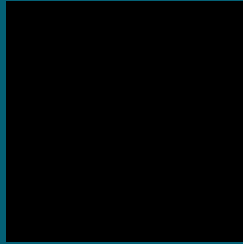
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

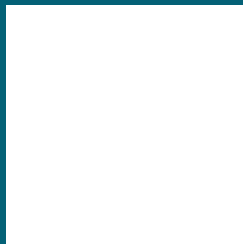
Any Text WCAG AAA × Fail

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

Android 4278477174 Background



This preview shows how black text looks on a background with the Android color 4278477174.

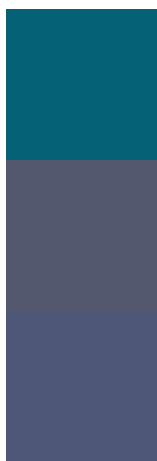


This preview shows how white text looks on a background with the Android color 4278477174.

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

4278477174

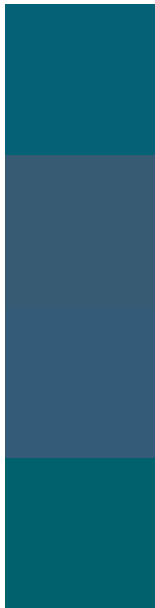
Protanopia

4283652207

Deuteranopia

4283389816

Trichromacy



Original Color

4278477174

Protanomaly

4281752434

Deuteranomaly

4281621367

Tritanomaly

4278280814

Monochromacy



Original Color

4278477174

Achromatopsia

4282927176

Achromatomaly

4281291097

CSS Examples

Text

The CSS property to change the color of the text to Android 4278477174 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(4, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(4, 97, 118)  
}
```

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(4, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 97, 118) }
```

Border

The CSS property to change the border of an element to Android 4278477174 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(4, 97, 118) }
```

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

```
.border{ border-color:rgb(4, 97, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 97, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(4, 97, 118)  
}
```

Background

The CSS property to change the background color of an element to Android 4278477174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 97, 118) }
```

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

```
.background{ background-color: rgb(4, 97,  
118) }
```

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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