

Converting Colors

Android(4278208848)

Have a look what the booklet for
Android(4278208848) contains.

Android(4278208848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4278208848)

Conversions

Conversions Part 1

Format	Color
Hex	004950
RGB	0, 73, 80
RGB Percent	0%, 29%, 31%
CMY	1.0000, 0.7137, 0.6863
CMYK	1.00, 0.09, 0.00, 0.69
HSL	185°, 100%, 16%
HSV	185°, 100%, 31%
XYZ	3.8305, 5.3443, 8.4191
YIQ	51.9710, -45.7550, -13.2990

Conversions

Conversions Part 2

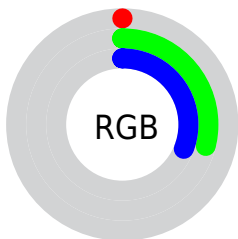
Format	Color
RYB	0, 38, 80
Decimal	18768
CIELab	27.69, -16.91, -9.87
CIELCh	28, 19.580, 210.273
Yxy	5.3443, 0.2177, 0.3038
Android (android.graphics.Color)	4278208848 (0xFF004950)
YUV	51.9710, 13.8183, -45.5786
Hunter-Lab	23.1177, -10.8792, -5.4100

Details

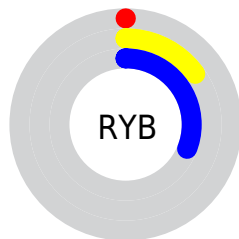
The Android color **4278208848** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4283434752**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4282415745**, and **4278197796** is the 20% darker color. If you saturate the color by 10%, you get **4278208848**, and if you desaturate by 10%, it is **4278733392**.

Distribution



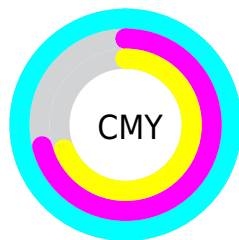
- Red (0%)
- Green (29%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208848 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 4278208848 by changing the saturation by 10% instead.

 4278208848

 4278208848

4294967295

 4278202937

 4282415745

 4278197796

 4284126363

 4278190350

 4285836982

 4278190080

 4287613650

 4289455854

 4291297279

 4293197823

 4278208848

■ 4278733392

■ 4279257680

■ 4279782224

■ 4280306768

■ 4280831312

■ 4281355600

■ 4281880144

■ 4282404688

■ 4282928976

Harmonies

Analogous

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



4279519553



4278208848



4279191387

Triad

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



4278208848



4283709521



4283121955

Complementary

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



4278208848



4283434752

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.



4283906856



4278208848



4284298818

Square

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



4278208848



4282596699



4284364595



4282074407

Rectangle

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



4278208848



4280501343



4284364595



4283449124

Sweetspot

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



4278208848



4283000425



4278210567



4280431670



4290098613



4281742902

Same Dimension

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



4278208848



4278214505



4278198608



4280625193



4278244584

Inverse Universe

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



4283433033



4285071455



4283444992



4280886568



4293394644

Previews

White Background



This preview shows how the Android color 4278208848 looks on a white background.

Color Contrast Check

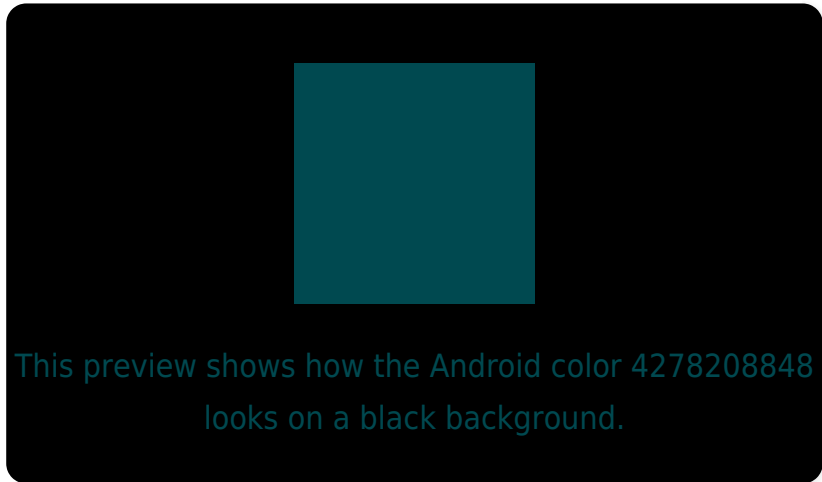
Large Text (above 18pt) WCAG AA ✓ Pass

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

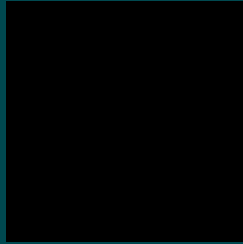
Any Text WCAG AA × Fail

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 4278208848 Background



This preview shows how black text looks on a background with the Android color 4278208848.



This preview shows how white text looks on a background with the Android color 4278208848.

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

4278208848

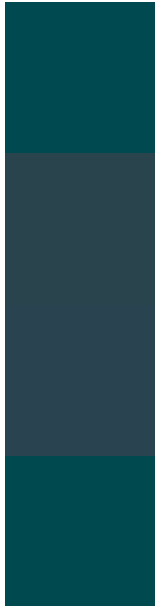
Protanopia

4282401099

Deuteranopia

4282400850

Trichromacy



Original Color
4278208848

Protanomaly
4280894541

Deuteranomaly
4280894289

Tritanomaly
4278208847

Monochromacy



Original Color
4278208848

Achromatopsia
4281611316

Achromatomaly
4280368190

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208848 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(0, 73, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 80)  
}
```

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(0, 73, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 80) }
```

Border

The CSS property to change the border of an element to Android 4278208848 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(0, 73, 80) }
```

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

```
.border{ border-color:rgb(0, 73, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 73, 80); box-shadow:4px  
4px 4px 4px rgb(0, 73, 80) }
```

Background

The CSS property to change the background color of an element to Android 4278208848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 80) }
```

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

```
.background{ background-color: rgb(0, 73,  
80) }
```

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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