

Converting Colors

Android(4278227844)

Have a look what the booklet for
Android(4278227844) contains.

Android(4278227844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278227844)

Conversions

Conversions Part 1

Format	Color
Hex	009384
RGB	0, 147, 132
RGB Percent	0%, 58%, 52%
CMY	1.0000, 0.4235, 0.4824
CMYK	1.00, 0.00, 0.10, 0.42
HSL	174°, 100%, 29%
HSV	174°, 100%, 58%
XYZ	14.5986, 22.5334, 25.4097
YIQ	101.3370, -82.7970, -35.8290

Conversions

Conversions Part 2

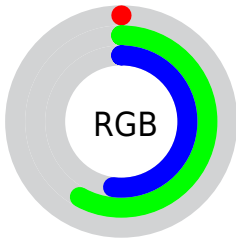
Format	Color
RYB	0, 77, 147
Decimal	37764
CIELab	54.59, -36.49, -1.43
CIELCh	55, 36.519, 182.243
Yxy	22.5334, 0.2334, 0.3603
Android (android.graphics.Color)	4278227844 (0xFF009384)
YUV	101.3370, 15.1169, -88.8725
Hunter-Lab	47.4693, -28.1760, 1.4913

Details

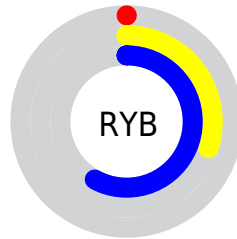
The Android color `4278227844` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287823887`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4283943609`, and `4278214483` is the 20% darker color. If you saturate the color by 10%, you get `4278227844`, and if you desaturate by 10%, it is `4279210886`.

Distribution



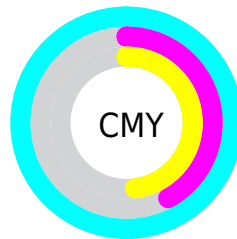
- Red (0%)
- Green (58%)
- Blue (52%)



- Red (0%)
- Yellow (30%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227844 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 4278227844 by changing the saturation by 10% instead.

 4278227844

 4278227844

4294967295

 4278221163

 4283943609

 4278214483

 4285916885


 4278208316

 4287823857

 4278202406

 4289789951

 4278196498

 4291690495


 4278190080

 4293656575

 4278227844

 4279210886

 4280128391

 4281111433

 4282094474

 4283077515

 4283995021

 4284978063

 4285961104

 4286878610

Harmonies

Analogous

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



4283142244



4278227844



4278227619

Triad

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



4278227844



4287199672



4289623627

Complementary

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



4278227844



4287823887

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.



4290604131



4278227844



4289490593

Square

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



4278227844



4283729345



4290603393



4287922754

Rectangle

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



4278227844



4278227124



4290603393



4290016082

Sweetspot

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



4278227844



4287020985



4279341824



4282278237



4292927712



4284572001

Same Dimension

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



4278227844



4278239148



4278213523



4282600009



4278225532



4278192649

Inverse Universe

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



4287823887



4290707476



4287838208



4283056963



4287234062



4278845441

Previews

White Background



This preview shows how the Android color 4278227844 looks on a white background.

Color Contrast Check

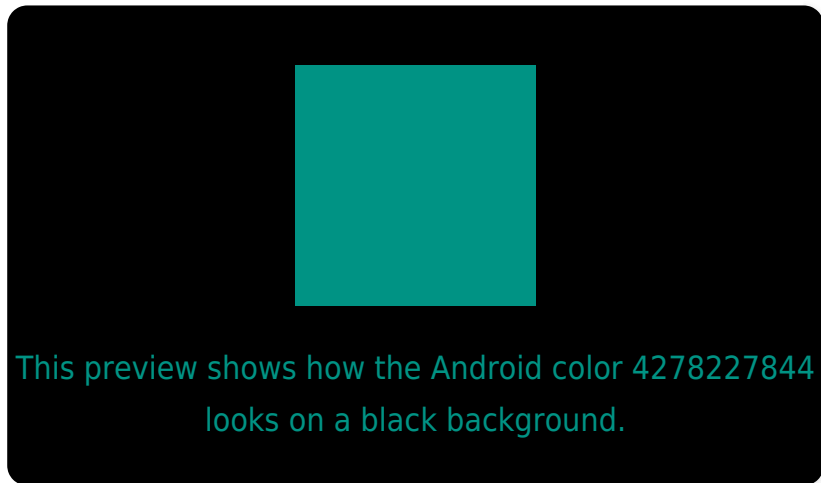
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Android 4278227844 Background



This preview shows how black text looks on a background with the Android color 4278227844.



This preview shows how white text looks on a background with the Android color 4278227844.

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



Trichromacy



Original Color

4278227844



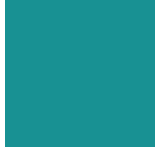
Protanomaly

4283795582



Deuteranomaly

4284057223



Tritanomaly

4279800211

Monochromacy



Original Color

4278227844



Achromatopsia

4284835173



Achromatomaly

4282414704

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227844 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, 147, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 132)  
}
```

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, 147, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 132) }
```

Border

The CSS property to change the border of an element to Android 4278227844 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, 147, 132) }
```

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

```
.border{ border-color:rgb(0, 147, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4278227844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 132) }
```

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

```
.background{ background-color: rgb(0, 147,  
132) }
```

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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