

Converting Colors

Android(4278224020)

Have a look what the booklet for
Android(4278224020) contains.

Android(4278224020)	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(4278224020)

Conversions

Conversions Part 1

Format	Color
Hex	008494
RGB	0, 132, 148
RGB Percent	0%, 52%, 58%
CMY	1.0000, 0.4824, 0.4196
CMYK	1.00, 0.11, 0.00, 0.42
HSL	186°, 100%, 29%
HSV	186°, 100%, 58%
XYZ	13.5966, 18.6406, 30.8984
YIQ	94.3560, -83.8080, -23.0080

Conversions

Conversions Part 2

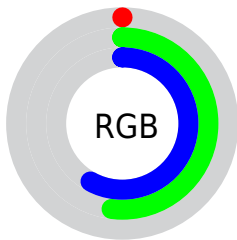
Format	Color
RYB	0, 70, 148
Decimal	33940
CIELab	50.26, -24.12, -17.18
CIELCh	50, 29.616, 215.456
Yxy	18.6406, 0.2154, 0.2952
Android (android.graphics.Color)	4278224020 (0xFF008494)
YUV	94.3560, 26.4465, -82.7502
Hunter-Lab	43.1748, -19.3429, -12.2089

Details

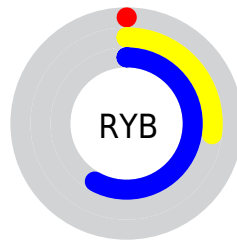
The Android color `4278224020` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287893504`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4283873738`, and `4278211169` is the 20% darker color. If you saturate the color by 10%, you get `4278224020`, and if you desaturate by 10%, it is `4279207572`.

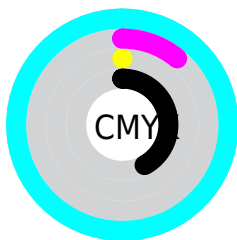
Distribution



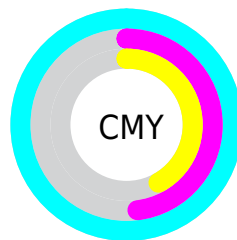
- Red (0%)
- Green (52%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278224020 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 4278224020 by changing the saturation by 10% instead.

 4278224020

 4278224020

4294967295

 4278217594

 4283873738

 4278211169

 4285847014

 4278205258

 4287755007

 4278199603

 4289724415

 4278191134

 4291624959

 4278190081


 4293591039

 4278190080

 4278224020

 4279207572

 4280190868

 4281108884

 4282092180

 4283075732

 4284059284

 4285042580

 4285960596

 4286943892

Harmonies

Analogous

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



4280649084



4278224020



4281106597

Triad

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



4278224020



4288374669



4286871621

Complementary

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



4278224020



4287893504

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.



4288245578



4278224020



4289225844

Square

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



4278224020



4286672801



4289095516



4285103950

Rectangle

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



4278224020



4283202473



4289095516



4287395141

Sweetspot

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



4278224020



4287019455



4278227983



4282277217



4292927712



4284572001

Same Dimension

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



4278224020



4278234047



4278205332



4282599754



4278221706



4278192394

Inverse Universe

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



4287889540



4290707627



4287912192



4283056969



4287234171



4278845449

Previews

White Background



This preview shows how the Android color 4278224020 looks on a white background.

Color Contrast Check

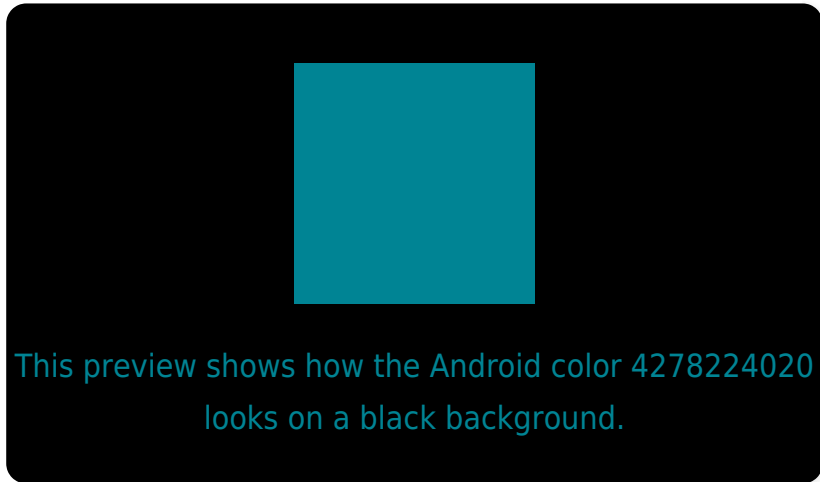
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278224020 Background



This preview shows how black text looks on a background with the Android color 4278224020.



This preview shows how white text looks on a background with the Android color 4278224020.

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

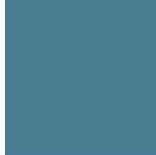


Trichromacy



Original Color

4278224020



Protanomaly

4283005838



Deuteranomaly

4283005590



Tritanomaly

4278224273

Monochromacy



Original Color

4278224020



Achromatopsia

4284374622



Achromatomaly

4282150002

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224020 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, 132, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 148)  
}
```

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, 132, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 148) }
```

Border

The CSS property to change the border of an element to Android 4278224020 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, 132, 148) }
```

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

```
.border{ border-color:rgb(0, 132, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4278224020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 148) }
```

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

```
.background{ background-color: rgb(0, 132,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor