

Converting Colors

Android(4278224549)

Have a look what the booklet for
Android(4278224549) contains.

Android(4278224549)	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(4278224549)

Conversions

Conversions Part 1

Format	Color
Hex	0086A5
RGB	0, 134, 165
RGB Percent	0%, 53%, 65%
CMY	1.0000, 0.4745, 0.3529
CMYK	1.00, 0.19, 0.00, 0.35
HSL	191°, 100%, 32%
HSV	191°, 100%, 65%
XYZ	15.3166, 19.7668, 38.6054
YIQ	97.4680, -89.8150, -18.7670

Conversions

Conversions Part 2

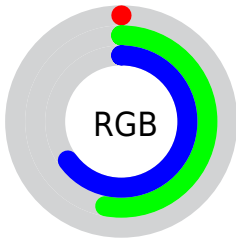
Format	Color
RYB	0, 74, 165
Decimal	34469
CIELab	51.57, -19.17, -25.05
CIELCh	52, 31.545, 232.573
Yxy	19.7668, 0.2079, 0.2682
Android (android.graphics.Color)	4278224549 (0xFF0086A5)
YUV	97.4680, 33.2933, -85.4794
Hunter-Lab	44.4599, -16.3107, -20.3608

Details

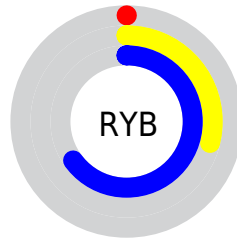
The Android color `4278224549` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289011456`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284136412`, and `4278211697` is the 20% darker color. If you saturate the color by 10%, you get `4278224549`, and if you desaturate by 10%, it is `4279273893`.

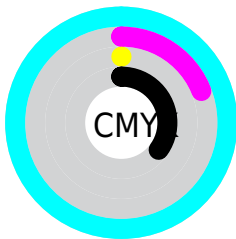
Distribution



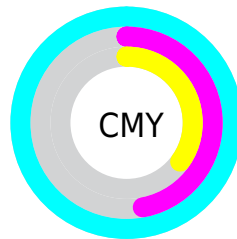
- Red (0%)
- Green (53%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224549 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 4278224549 by changing the saturation by 10% instead.

 4278224549

 4278224549

4294967295

 4278218123

 4284136412

 4278211697

 4286109689

 4278205784

 4288083199

 4278200129

 4290052095

 4278193707

 4291952639

 4278190358

 4293984255

 4278190080

 4278224549

 4279273893

■ 4280388773

■ 4281503653

■ 4282552997

■ 4283602597

■ 4284717477

■ 4285766821

■ 4286881701

■ 4287931045

Harmonies

Analogous

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



4278225295



4278224549



4282810544

Triad

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



4278224549



4289357443



4286087240

Complementary

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



4278224549



4289011456

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.



4287788869



4278224549



4289685352

Square

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



4278224549



4288048540



4289097297



4283991641

Rectangle

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



4278224549



4284906159



4289097297



4286676293

Sweetspot

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



4278224549



4288072406



4278232350



4282737771



4293651435



4285229931

Same Dimension

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



4278224549



4278234838



4278203557



4282994770



4278220433



4278193682

Inverse Universe

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



4289003654



4292214958



4289032448



4283582800



4287692918



4279369742

Previews

White Background



This preview shows how the Android color 4278224549 looks on a white background.

Color Contrast Check

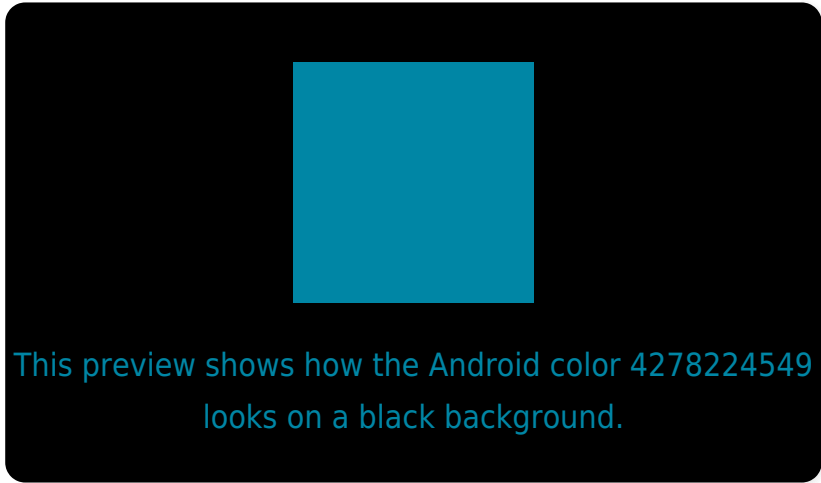
Large Text (above 18pt) WCAG AA ✓ Pass

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

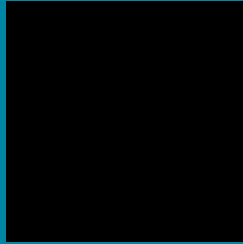
Any Text WCAG AA ✓ Pass

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 4278224549 Background



This preview shows how black text looks on a background with the Android color 4278224549.



This preview shows how white text looks on a background with the Android color 4278224549.

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



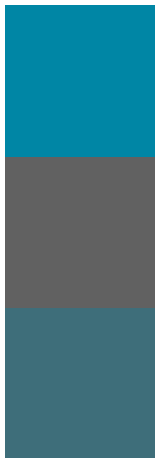
Original Color
4278224549

Protanomaly
4283006623

Deuteranomaly
4282744487

Tritanomaly
4278224794

Monochromacy



Original Color
4278224549

Achromatopsia
4284572001

Achromatomaly
4282281594

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224549 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, 134, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 165)  
}
```

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, 134, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 165) }
```

Border

The CSS property to change the border of an element to Android 4278224549 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, 134, 165) }
```

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

```
.border{ border-color:rgb(0, 134, 165) }
```

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

Here you see how a box with a 4 pixel rgb(0, 134, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4278224549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 165) }
```

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

```
.background{ background-color: rgb(0, 134,  
165) }
```

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