

Converting Colors

Android(4278224299)

Have a look what the booklet for
Android(4278224299) contains.

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Color

Android(4278224299)

Conversions

Conversions Part 1

Format	Color
Hex	0085AB
RGB	0, 133, 171
RGB Percent	0%, 52%, 67%
CMY	1.0000, 0.4784, 0.3294
CMYK	1.00, 0.22, 0.00, 0.33
HSL	193°, 100%, 34%
HSV	193°, 100%, 67%
XYZ	15.7382, 19.7153, 41.5040
YIQ	97.5650, -91.4660, -16.3780

Conversions

Conversions Part 2

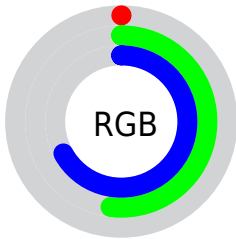
Format	Color
RYB	0, 75, 171
Decimal	34219
CIELab	51.51, -16.44, -28.61
CIELCh	52, 32.999, 240.110
Yxy	19.7153, 0.2045, 0.2562
Android (android.graphics.Color)	4278224299 (0xFF0085AB)
YUV	97.5650, 36.2035, -85.5645
Hunter-Lab	44.4020, -14.4343, -24.3390

Details

The Android color `4278224299` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289406464`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284201698`, and `4278211447` is the 20% darker color. If you saturate the color by 10%, you get `4278224299`, and if you desaturate by 10%, it is `4279339435`.

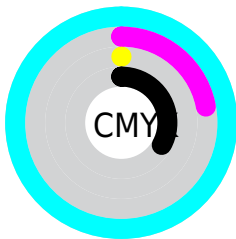
Distribution



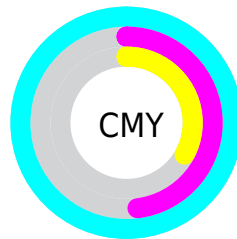
- Red (0%)
- Green (52%)
- Blue (67%)



- Red (0%)
- Yellow (29%)
- Blue (67%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224299 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 4278224299 by changing the saturation by 10% instead.

 4278224299

 4278224299

4294967295

 4278217872

 4284201698

 4278211447

 4286240511

 4278205534

 4288148223

 4278199878

 4290117631

 4278193711

 4292083711

 4278190362


 4294049791

 4278190080

 4278224299

 4279339435

 4280454571

 4281569451

 4282684587

 4283799723

 4284980395

 4286095531

 4287210411

 4288325547

Harmonies

Analogous

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



4278225302



4278224299



4283399859

Triad

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



4278224299



4289684604



4285497673

Complementary

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



4278224299



4289406464

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.



4287461698



4278224299



4289750880

Square

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



4278224299



4288571799



4288900939



4283271006

Rectangle

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



4278224299



4285560752



4288900939



4286218053

Sweetspot

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



4278224299



4288401374



4278233893



4282935152



4293980400



4285558896

Same Dimension

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



4278224299



4278234590



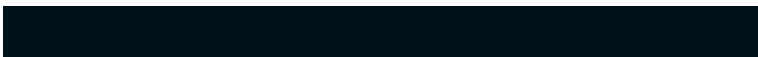
4278202539



4283323735



4278220182



4278194711

Inverse Universe

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



4289396869



4292739245



4289428224



4283911765



4288020597



4279697426

Previews

White Background



This preview shows how the Android color 4278224299 looks on a white background.

Color Contrast Check

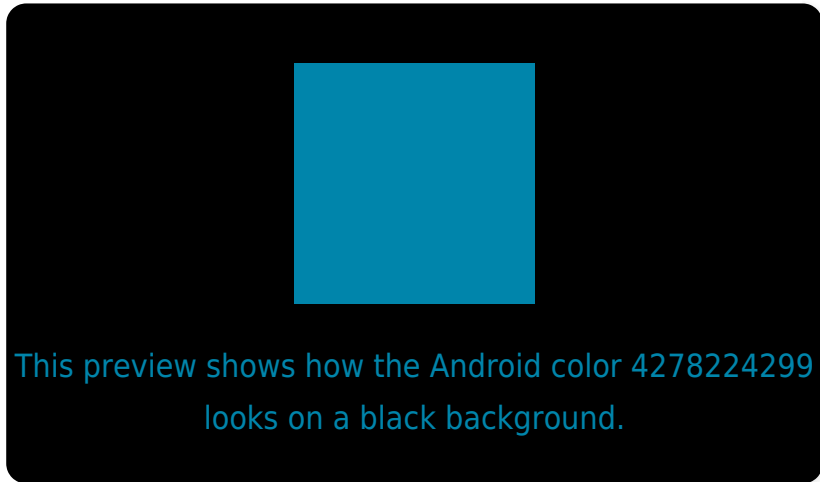
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278224299 Background



This preview shows how black text looks on a background with the Android color 4278224299.



This preview shows how white text looks on a background with the Android color 4278224299.

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
4278224299

Protanomaly
4282875301

Deuteranomaly
4282547629

Tritanomaly
4278224795

Monochromacy



Original Color
4278224299

Achromatopsia
4284637794

Achromatomaly
4282281853

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224299 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, 133, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 171)  
}
```

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, 133, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 171) }
```

Border

The CSS property to change the border of an element to Android 4278224299 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, 133, 171) }
```

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

```
.border{ border-color:rgb(0, 133, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4278224299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 171) }
```

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

```
.background{ background-color: rgb(0, 133,  
171) }
```

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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