

Converting Colors

Android(4278224289)

Have a look what the booklet for
Android(4278224289) contains.

Android(4278224289)	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(4278224289)

Conversions

Conversions Part 1

Format	Color
Hex	0085A1
RGB	0, 133, 161
RGB Percent	0%, 52%, 63%
CMY	1.0000, 0.4784, 0.3686
CMYK	1.00, 0.17, 0.00, 0.37
HSL	190°, 100%, 32%
HSV	190°, 100%, 63%
XYZ	14.8206, 19.3483, 36.6717
YIQ	96.4250, -88.2560, -19.4880

Conversions

Conversions Part 2

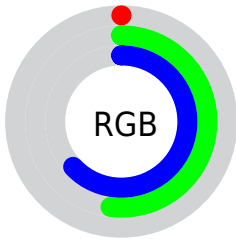
Format	Color
RYB	0, 73, 161
Decimal	34209
CIELab	51.09, -20.07, -23.47
CIELCh	51, 30.886, 229.470
Yxy	19.3483, 0.2092, 0.2731
Android (android.graphics.Color)	4278224289 (0xFF0085A1)
YUV	96.4250, 31.8355, -84.5647
Hunter-Lab	43.9867, -16.8342, -18.6394

Details

The Android color `4278224289` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288748544`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284070616`, and `4278211437` is the 20% darker color. If you saturate the color by 10%, you get `4278224289`, and if you desaturate by 10%, it is `4279273633`.

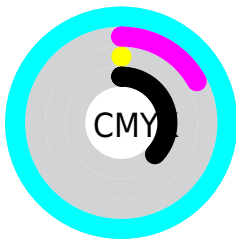
Distribution



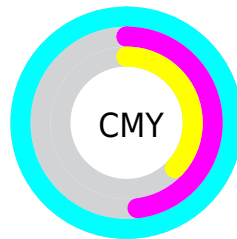
- Red (0%)
- Green (52%)
- Blue (63%)



- Red (0%)
- Yellow (29%)
- Blue (63%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224289 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 4278224289 by changing the saturation by 10% instead.

 4278224289

 4278224289

4294967295

 4278217863

 4284070616

 4278211437

 4286043892

 4278205525

 4288017407

 4278199870

 4289921023

 4278192680

 4291887103

 4278190354

 4293853183

 4278190080

 4278224289

 4279273633

■ 4280322977

■ 4281372065

■ 4282421409

■ 4283536289

■ 4284585633

■ 4285634977

■ 4286684065

■ 4287733409

Harmonies

Analogous

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



4278290570



4278224289



4282482605

Triad

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



4278224289



4289160836



4286217543

Complementary

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



4278224289



4288748544

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.



4287853894



4278224289



4289554025

Square

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



4278224289



4287786396



4289031251



4284187735

Rectangle

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



4278224289



4284578221



4289031251



4286806853

Sweetspot

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



4278224289



4287809233



4278231323



4282606185



4293454056



4285098345

Same Dimension

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



4278224289



4278234577



4278204065



4282994770



4278220945



4278193938

Inverse Universe

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



4288741509



4291887277



4288768768



4283582800



4287692920



4279369743

Previews

White Background



This preview shows how the Android color 4278224289 looks on a white background.

Color Contrast Check

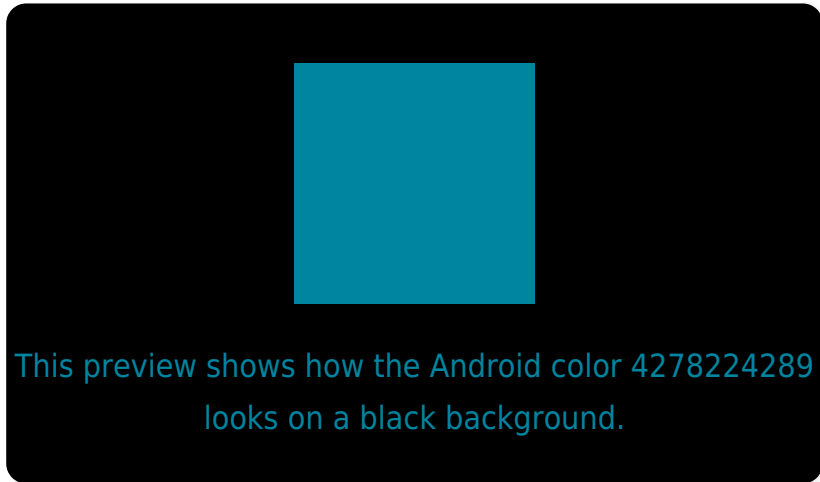
Large Text (above 18pt) WCAG AA ✓ Pass

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

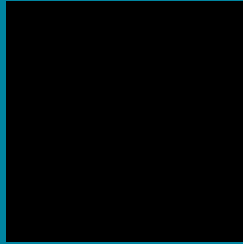
Any Text WCAG AA ✓ Pass

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 4278224289 Background



This preview shows how black text looks on a background with the Android color 4278224289.

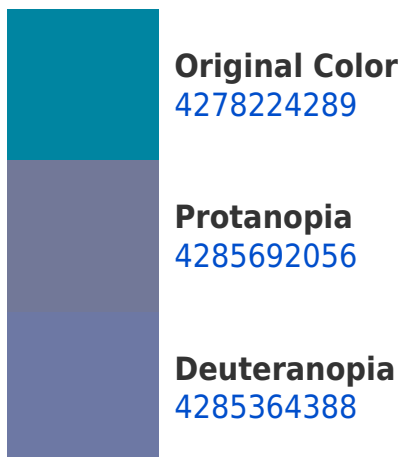


This preview shows how white text looks on a background with the Android color 4278224289.

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
4278224289

Protanomaly
4283006363

Deuteranomaly
4282744227

Tritanomaly
4278224535

Monochromacy



Original Color
4278224289

Achromatopsia
4284506208

Achromatomaly
4282215800

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224289 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 161) }
```

Border

The CSS property to change the border of an element to Android 4278224289 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, 161) }
```

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

```
.border{ border-color:rgb(0, 133, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4278224289 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, 161) }
```

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

```
.background{ background-color: rgb(0, 133,  
161) }
```

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