

Converting Colors

Android(4278228157)

Have a look what the booklet for
Android(4278228157) contains.

Android(4278228157)	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(4278228157)

Conversions

Conversions Part 1

Format	Color
Hex	0094BD
RGB	0, 148, 189
RGB Percent	0%, 58%, 74%
CMY	1.0000, 0.4196, 0.2588
CMYK	1.00, 0.22, 0.00, 0.26
HSL	193°, 100%, 37%
HSV	193°, 100%, 74%
XYZ	19.7752, 24.8539, 51.8991
YIQ	108.4220, -101.3690, -18.6250

Conversions

Conversions Part 2

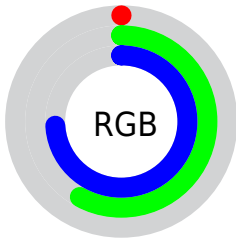
Format	Color
R _{YB}	0, 83, 189
Decimal	38077
CIE Lab	56.93, -18.09, -30.48
CIE LCh	57, 35.446, 239.315
Yxy	24.8539, 0.2049, 0.2575
Android (android.graphics.Color)	4278228157 (0xFF0094BD)
YUV	108.4220, 39.7250, -95.0861
Hunter-Lab	49.8537, -16.4394, -26.8250

Details

The Android color `4278228157` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290586880`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284533493`, and `4278215047` is the 20% darker color. If you saturate the color by 10%, you get `4278228157`, and if you desaturate by 10%, it is `4279474365`.

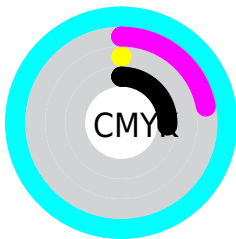
Distribution



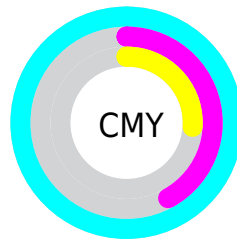
- Red (0%)
- Green (58%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228157 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 4278228157 by changing the saturation by 10% instead.



4278228157



4278228157

4294967295



4278221474



4284533493



4278215047



4286637823



4278208878



4288610303



4278203221



4290641919



4278198078



4292607999



4278190888



4294639615



4278190354



4278190080



4278228157

■ 4279474365

■ 4280720573

■ 4281966781

■ 4283212989

■ 4284459453

■ 4285640125

■ 4286886333

■ 4288132541

■ 4289378749

Harmonies

Analogous

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



4278229158



4278228157



4283927750

Triad

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



4278228157



4290932875



4286419025

Complementary

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



4278228157



4290586880

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.



4288513866



4278228157



4290999148

Square

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



4278228157



4289689257



4290083924



4283995752

Rectangle

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



4278228157



4286285251



4290083924



4287139149

Sweetspot

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



4278228157



4289455605



4278238505



4283330938



4294638330



4286216826

Same Dimension

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



4278228157



4278239477



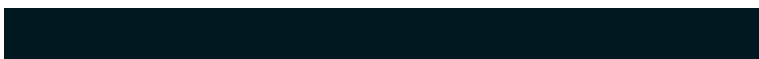
4278204093



4283784286



4278221982



4278196255

Inverse Universe

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



4290576532



4294246592



4290610944



4284372316



4288544892



4280221720

Previews

White Background



This preview shows how the Android color 4278228157 looks on a white background.

Color Contrast Check

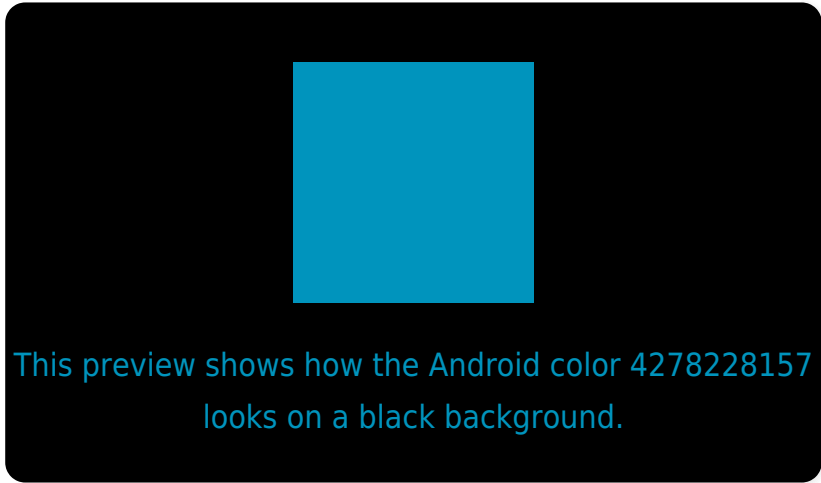
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228157 Background



This preview shows how black text looks on a background with the Android color 4278228157.



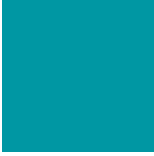
This preview shows how white text looks on a background with the Android color 4278228157.

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

4278228157



Protanomaly

4283403191



Deuteranomaly

4283075775



Tritanomaly

4278228652

Monochromacy



Original Color

4278228157



Achromatopsia

4285295724



Achromatomaly

4282743689

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228157 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, 148, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 189)  
}
```

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, 148, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 189) }
```

Border

The CSS property to change the border of an element to Android 4278228157 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, 148, 189) }
```

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

```
.border{ border-color:rgb(0, 148, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4278228157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 189) }
```

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

```
.background{ background-color: rgb(0, 148,  
189) }
```

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