

Converting Colors

Android(4278228171)

Have a look what the booklet for
Android(4278228171) contains.

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Color

Android(4278228171)

Conversions

Conversions Part 1

Format	Color
Hex	0094CB
RGB	0, 148, 203
RGB Percent	0%, 58%, 80%
CMY	1.0000, 0.4196, 0.2039
CMYK	1.00, 0.27, 0.00, 0.20
HSL	196°, 100%, 40%
HSV	196°, 100%, 80%
XYZ	21.3694, 25.4916, 60.2940
YIQ	110.0180, -105.8630, -14.2710

Conversions

Conversions Part 2

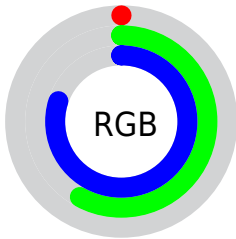
Format	Color
R _{YB}	0, 86, 203
Decimal	38091
CIE _{Lab}	57.55, -13.00, -37.42
CIE _{LCh}	58, 39.616, 250.847
Y _{xy}	25.4916, 0.1994, 0.2379
Android (android.graphics.Color)	4278228171 (0xFF0094CB)
YUV	110.0180, 45.8401, -96.4858
Hunter-Lab	50.4892, -12.8066, -35.4614

Details

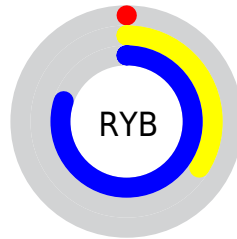
The Android color `4278228171` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291507968`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284730111`, and `4278215061` is the 20% darker color. If you saturate the color by 10%, you get `4278228171`, and if you desaturate by 10%, it is `4279540427`.

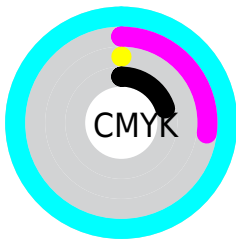
Distribution



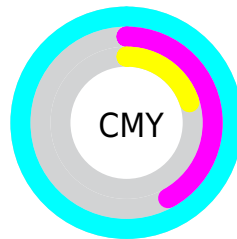
- Red (0%)
- Green (58%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228171 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 4278228171 by changing the saturation by 10% instead.

 4278228171

 4278228171

4294967295

 4278221487

 4284730111

 4278215061

 4286834431

 4278209147

 4288872447

 4278203233

 4290904063

 4278198089

 4292870143

 4278191154

4294901759

 4278190620

 4278190080

 4278228171

■ 4279540427

■ 4280917963

■ 4282230219

■ 4283542219

■ 4284920011

■ 4286232011

■ 4287544267

■ 4288856267

■ 4290234059

Harmonies

Analogous

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



4278229686



4278228171



4285106894

Triad

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



4278228171



4291587711



4285437268

Complementary

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



4278228171



4291507968

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.



4287859780



4278228171



4291261535

Square

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



4278228171



4290736546



4289888329



4282227314

Rectangle

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



4278228171



4287529414



4289888329



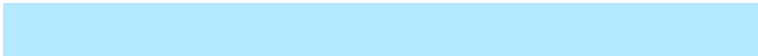
4286288717

Sweetspot

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



4278228171



4289981183



4278242102



4283593600



4278190080



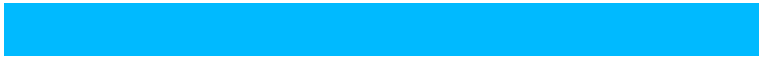
4286611584

Same Dimension

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



4278228171



4278237951



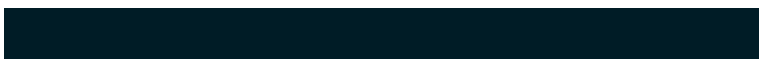
4278202315



4284244838



4278221222



4278197286

Inverse Universe

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



4291494036



4294901946



4291533824



4284898403



4289069177



4280680476

Previews

White Background



This preview shows how the Android color 4278228171 looks on a white background.

Color Contrast Check

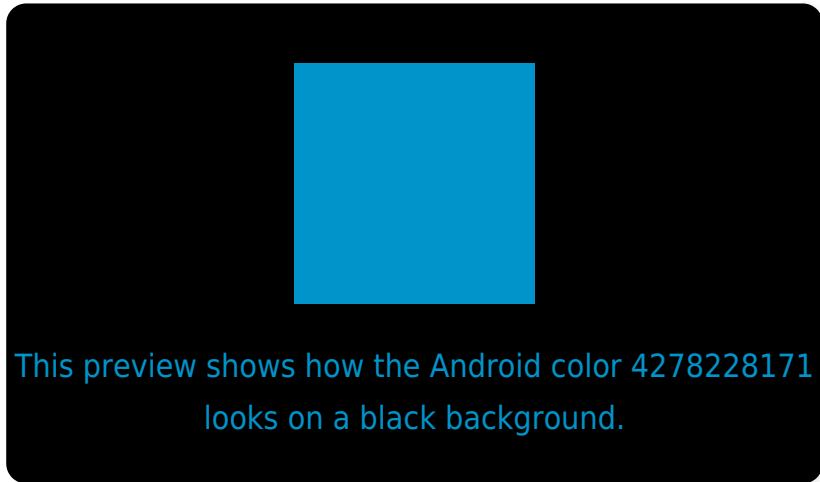
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228171 Background



This preview shows how black text looks on a background with the Android color 4278228171.



This preview shows how white text looks on a background with the Android color 4278228171.

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

4278228171



Protanomaly

4283206853



Deuteranomaly

4282682829



Tritanomaly

4278228914

Monochromacy



Original Color

4278228171



Achromatopsia

4285427310



Achromatomaly

4282809488

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228171 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 203) }
```

Border

The CSS property to change the border of an element to Android 4278228171 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, 203) }
```

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

```
.border{ border-color:rgb(0, 148, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4278228171 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, 203) }
```

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

```
.background{ background-color: rgb(0, 148,  
203) }
```

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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