

Converting Colors

Android(4278242287)

Have a look what the booklet for
Android(4278242287) contains.

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Color

Android(4278242287)

Conversions

Conversions Part 1

Format	Color
Hex	00CBEF
RGB	0, 203, 239
RGB Percent	0%, 80%, 94%
CMY	1.0000, 0.2039, 0.0627
CMYK	1.00, 0.15, 0.00, 0.06
HSL	189°, 100%, 47%
HSV	189°, 100%, 94%
XYZ	36.9359, 48.9439, 89.1617
YIQ	146.4070, -132.5440, -31.8400

Conversions

Conversions Part 2

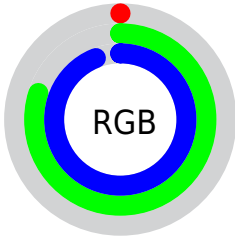
Format	Color
RYB	0, 110, 239
Decimal	52207
CIELab	75.42, -29.16, -29.50
CIELCh	75, 41.481, 225.326
Yxy	48.9439, 0.2110, 0.2796
Android (android.graphics.Color)	4278242287 (0xFF00CBEF)
YUV	146.4070, 45.6483, -128.3989
Hunter-Lab	69.9599, -28.1892, -26.5914

Details

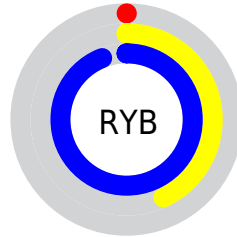
The Android color `4278242287` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed cyan. A complement of this color would be `4293862400`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4285595647`, and `4278228407` is the 20% darker color. If you saturate the color by 10%, you get `4278242287`, and if you desaturate by 10%, it is `4279816175`.

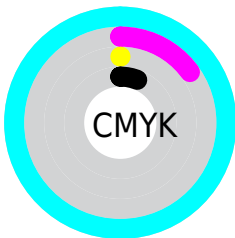
Distribution



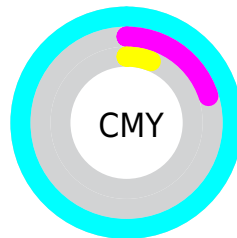
- Red (0%)
- Green (80%)
- Blue (94%)



- Red (0%)
- Yellow (43%)
- Blue (94%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242287 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 4278242287 by changing the saturation by 10% instead.



4278242287



4278242287

4294967295



4278235091



4285595647



4278228407



4287823871



4278221468



4289921023



4278215042



4292018175



4278208873



4294115327



4278202960



4278197817



4278190627



4278190091

 4278242287

 4279816175

 4281389807

 4282963695

 4284537327

 4286045679

 4287619567

 4289193199

 4290767087

 4292340719

Harmonies

Analogous

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



4280471245



4278242287



4284400639

Triad

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



4278242287



4294483662



4290756207

Complementary

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



4278242287



4293862400

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.



4293112176



4278242287



4294941863

Square

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



4278242287



4292323824



4294747269



4287940483

Rectangle

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



4278242287



4287478783



4294747269



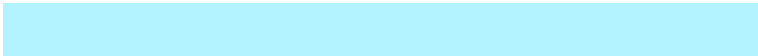
4291607149

Sweetspot

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



4278242287



4289983487



4278251300



4283595136



4278190080



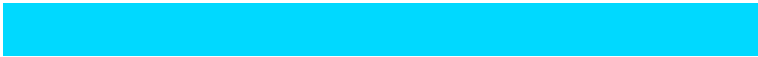
4286611584

Same Dimension

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



4278242287



4278245887



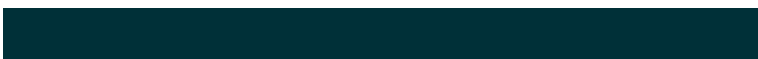
4278211823



4285298296



4278230200



4278202424

Inverse Universe

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



4293853387



4294901977



4293892864



4286082166



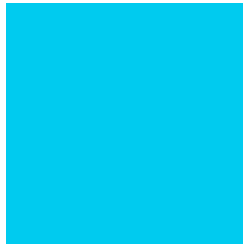
4290248860



4281860144

Previews

White Background



This preview shows how the Android color 4278242287 looks on a white background.

Color Contrast Check

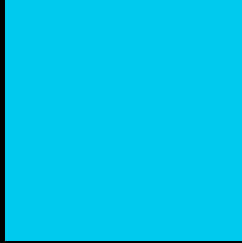
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278242287 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278242287 Background



This preview shows how black text looks on a background with the Android color 4278242287.

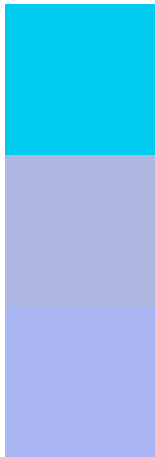


This preview shows how white text looks on a background with the Android color 4278242287.

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



Original Color
4278242287

Protanopia
4289705953

Deuteranopia
4289377780



Tritanopia
4278242781

Trichromacy



Original Color

4278242287



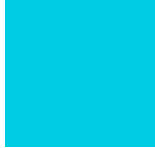
Protanomaly

4285513446



Deuteranomaly

4285316594



Tritanomaly

4278242532

Monochromacy



Original Color

4278242287



Achromatopsia

4287795858



Achromatomaly

4284327860

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242287 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, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 239)  
}
```

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, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 239) }
```

Border

The CSS property to change the border of an element to Android 4278242287 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, 203, 239) }
```

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

```
.border{ border-color:rgb(0, 203, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4278242287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 239) }
```

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

```
.background{ background-color: rgb(0, 203,  
239) }
```

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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