

Converting Colors

Android(4278247416)

Have a look what the booklet for
Android(4278247416) contains.

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Color

Android(4278247416)

Conversions

Conversions Part 1

Format	Color
Hex	00DFF8
RGB	0, 223, 248
RGB Percent	0%, 87%, 97%
CMY	1.0000, 0.1255, 0.0275
CMYK	1.00, 0.10, 0.00, 0.03
HSL	186°, 100%, 49%
HSV	186°, 100%, 97%
XYZ	43.3310, 59.5527, 98.0180
YIQ	159.1730, -140.9330, -39.5010

Conversions

Conversions Part 2

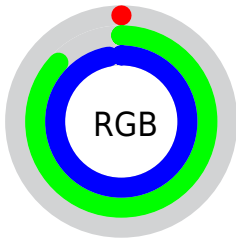
Format	Color
RYB	0, 117, 248
Decimal	57336
CIELab	81.59, -35.85, -24.85
CIELCh	82, 43.616, 214.728
Yxy	59.5527, 0.2157, 0.2964
Android (android.graphics.Color)	4278247416 (0xFF00DFF8)
YUV	159.1730, 43.7917, -139.5947
Hunter-Lab	77.1704, -34.8209, -21.2880

Details

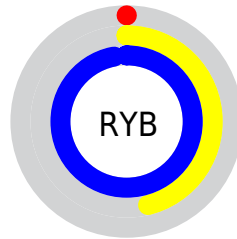
The Android color **4278247416** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **4294449408**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4285857791**, and **4278233024** is the 20% darker color. If you saturate the color by 10%, you get **4278247416**, and if you desaturate by 10%, it is **4279886584**.

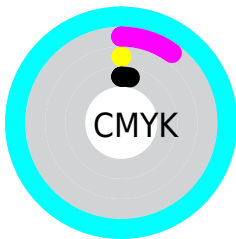
Distribution



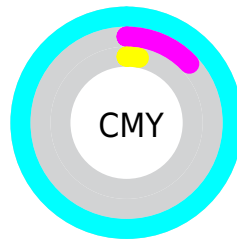
- Red (0%)
- Green (87%)
- Blue (97%)



- Red (0%)
- Yellow (46%)
- Blue (97%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247416 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 4278247416 by changing the saturation by 10% instead.

 4278247416

 4278247416

4294967295

 4278240219

 4285857791

 4278233024

 4288086015

 4278226084

 4290314239

 4278219402

 4292411391

 4278212977

 4294508543

 4278206808


 4278201153

 4278193707

 4278190357

 4278247416

 4279886584

 4281525496

 4283099128

 4284738040

 4286377208

 4288016120

 4289655288

 4291228664

 4292867832

Harmonies

Analogous

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



4282900944



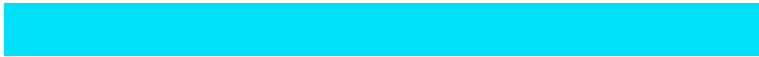
4278247416



4283422975

Triad

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



4278247416



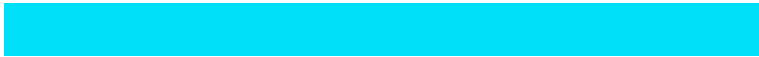
4294947054



4292856440

Complementary

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



4278247416



4294449408

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.



4294950018



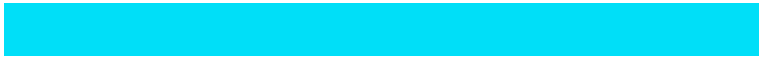
4278247416



4294945734

Square

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



4278247416



4292394751



4294946974



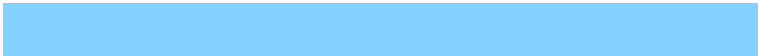
4290041478

Rectangle

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



4278247416



4286763519



4294946974



4293707385

Sweetspot

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



4278247416



4289984511



4278253593



4283595648



4278190080



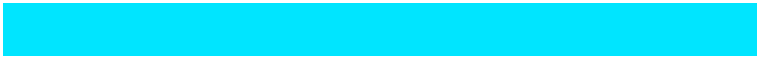
4286611584

Same Dimension

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



4278247416



4278248959



4278215672



4285561981



4278233789



4278204221

Inverse Universe

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



4294443231



4294901989



4294481152



4286410876



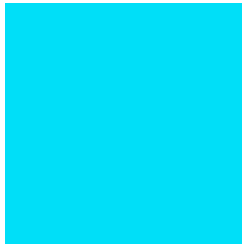
4290576554



4282187831

Previews

White Background



This preview shows how the Android color 4278247416 looks on a white background.

Color Contrast Check

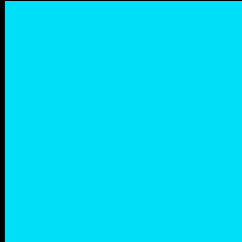
Large Text (above 18pt) WCAG AA × Fail

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 4278247416 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 4278247416 Background



This preview shows how black text looks on a background with the Android color 4278247416.

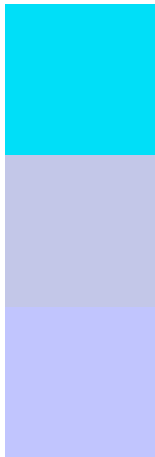


This preview shows how white text looks on a background with the Android color 4278247416.

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
4278247416

Protanopia
4291020776

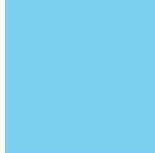
Deuteranopia
4290889214

Trichromacy



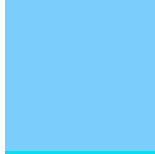
Original Color

4278247416



Protanomaly

4286370030



Deuteranomaly

4286303996



Tritanomaly

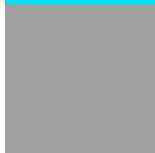
4278247668

Monochromacy



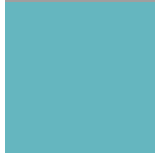
Original Color

4278247416



Achromatopsia

4288651167



Achromatomaly

4284855999

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247416 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, 223, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 248)  
}
```

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, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 248) }
```

Border

The CSS property to change the border of an element to Android 4278247416 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, 223, 248) }
```

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

```
.border{ border-color:rgb(0, 223, 248) }
```

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

Here you see how a box with a 4 pixel rgb(0, 223, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
248) }
```

Background

The CSS property to change the background color of an element to Android 4278247416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 248) }
```

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

```
.background{ background-color: rgb(0, 223,  
248) }
```

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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