

Converting Colors

Android(4278249205)

Have a look what the booklet for
Android(4278249205) contains.

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Color

Android(4278249205)

Conversions

Conversions Part 1

Format	Color
Hex	00E6F5
RGB	0, 230, 245
RGB Percent	0%, 90%, 96%
CMY	1.0000, 0.0980, 0.0392
CMYK	1.00, 0.06, 0.00, 0.04
HSL	184°, 100%, 48%
HSV	184°, 100%, 96%
XYZ	44.7782, 63.1862, 96.2223
YIQ	162.9400, -141.8950, -44.0950

Conversions

Conversions Part 2

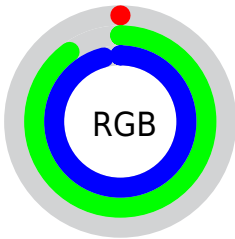
Format	Color
RYB	0, 119, 245
Decimal	59125
CIELab	83.54, -40.00, -20.31
CIELCh	84, 44.855, 206.916
Yxy	63.1862, 0.2193, 0.3095
Android (android.graphics.Color)	4278249205 (0xFF00E6F5)
YUV	162.9400, 40.4556, -142.8984
Hunter-Lab	79.4897, -38.5543, -16.1277

Details

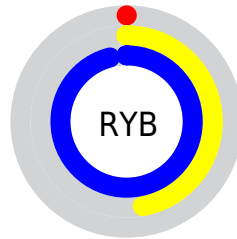
The Android color **4278249205** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **4294250240**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4285857791**, and **4278234813** is the 20% darker color. If you saturate the color by 10%, you get **4278249205**, and if you desaturate by 10%, it is **4279822325**.

Distribution



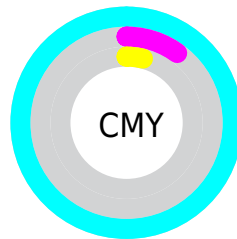
- Red (0%)
- Green (90%)
- Blue (96%)



- Red (0%)
- Yellow (47%)
- Blue (96%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249205 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 4278249205 by changing the saturation by 10% instead.



4278249205



4278249205

4294967295



4278242009



4285857791



4278234813



4288151551



4278227874



4290314239



4278220935



4292476927



4278214510



4294574079



4278208086



4278202174



4278195753



4278190356

 4278249205

 4279822325

 4281461237


 4283099893

 4284673269

 4286311925

 4287885301

 4289458421

 4291097333

 4292735989

Harmonies

Analogous

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



4284016330



4278249205



4281917695

Triad

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



4278249205



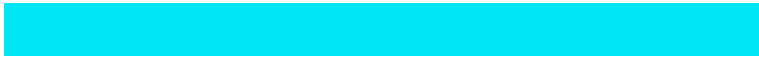
4294949119



4293971067

Complementary

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



4278249205



4294250240

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.



4294950283



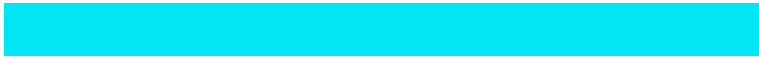
4278249205



4294946774

Square

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



4278249205



4291807231



4294947500



4291156355

Rectangle

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



4278249205



4285586175



4294947500



4294756222

Sweetspot

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



4278249205



4289985279



4278252812



4283596160



4278190080



4286611584

Same Dimension

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



4278249205



4278251519



4278218485



4285430394



4278235066



4278204219

Inverse Universe

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



4294246630



4294901999



4294280960



4286213754



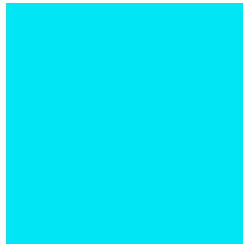
4290379951



4282056759

Previews

White Background



This preview shows how the Android color 4278249205 looks on a white background.

Color Contrast Check

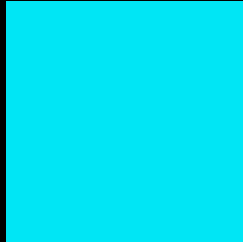
Large Text (above 18pt) WCAG AA × Fail

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 4278249205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

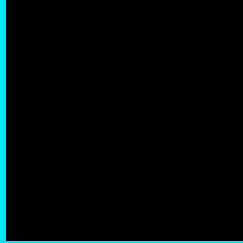
Any Text WCAG AA ✓ Pass

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 4278249205 Background



This preview shows how black text looks on a background with the Android color 4278249205.

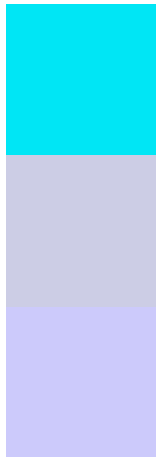


This preview shows how white text looks on a background with the Android color 4278249205.

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](#).

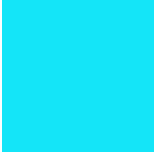
Dichromacy



Original Color
4278249205

Protanopia
4291612133

Deuteranopia
4291611387



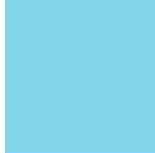
Tritanopia
4279559672

Trichromacy



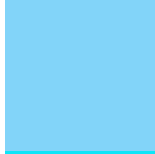
Original Color

4278249205



Protanomaly

4286764779



Deuteranomaly

4286764281



Tritanomaly

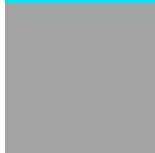
4279100919

Monochromacy



Original Color

4278249205



Achromatopsia

4288914339



Achromatomaly

4285053889

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249205 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, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 245)  
}
```

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, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 245) }
```

Border

The CSS property to change the border of an element to Android 4278249205 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, 230, 245) }
```

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

```
.border{ border-color:rgb(0, 230, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 230,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4278249205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 245) }
```

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

```
.background{ background-color: rgb(0, 230,  
245) }
```

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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