

Converting Colors

Android(4278312703)

Have a look what the booklet for
Android(4278312703) contains.

Android(4278312703)	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>	28

Color

Android(4278312703)

Conversions

Conversions Part 1

Format	Color
Hex	01DEFF
RGB	1, 222, 255
RGB Percent	0%, 87%, 100%
CMY	0.9961, 0.1294, 0.0000
CMYK	1.00, 0.13, 0.00, 0.00
HSL	188°, 100%, 50%
HSV	188°, 100%, 100%
XYZ	44.1838, 59.4690, 103.7577
YIQ	159.6830, -142.3090, -36.5890

Conversions

Conversions Part 2

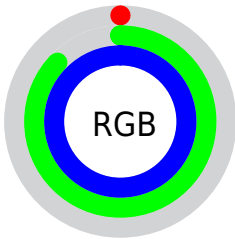
Format	Color
R _Y B	1, 119, 255
Decimal	122623
CIE Lab	81.55, -33.14, -28.62
CIE LCh	82, 43.791, 220.817
Yxy	59.4690, 0.2130, 0.2867
Android (android.graphics.Color)	4278312703 (0xFF01DEFF)
YUV	159.6830, 46.9913, -139.1650
Hunter-Lab	77.1161, -32.6815, -25.7918

Details

The Android color **4278312703** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294910465**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4285923327**, and **4278232774** is the 20% darker color. If you saturate the color by 10%, you get **4278247167**, and if you desaturate by 10%, it is **4279951871**.

Distribution



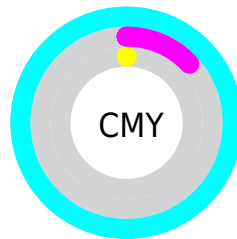
- Red (0%)
- Green (87%)
- Blue (100%)



- Red (0%)
- Yellow (47%)
- Blue (100%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278312703 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 4278312703 by changing the saturation by 10% instead.

 4278312703

 4278312703

4294967295

 4278239970

 4285923327

 4278232774

 4288217087

 4278226091

 4290379775

 4278219408

 4292476927

 4278212982

 4294639615

 4278206814

 4278201158

 4278193712

 4278190362

■ 4278312703

■ 4278312703

■ 4278247167

■ 4279951871

■ 4281656831

■ 4283361535

■ 4285000703

■ 4286705663

■ 4288344831

■ 4289983999

■ 4291688959

■ 4293393663

Harmonies

Analogous

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



4281852377



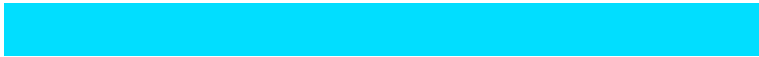
4278312703



4284405503

Triad

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



4278312703



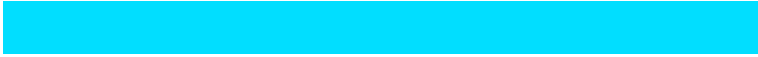
4294946535



4292332921

Complementary

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



4278312703



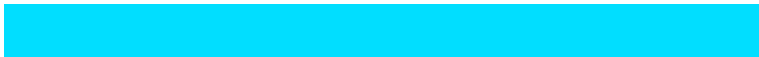
4294910465

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.



4294754174



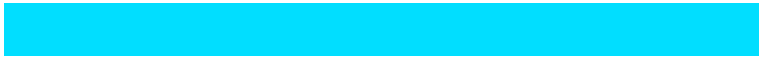
4278312703



4294945725

Square

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



4278312703



4293049343



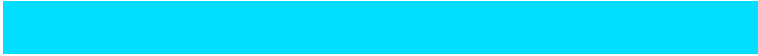
4294947479



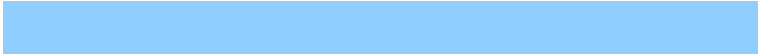
4289386635

Rectangle

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



4278312703



4287680255



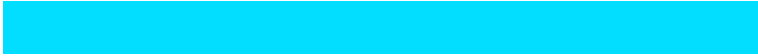
4294947479



4293183864

Sweetspot

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



4278312703



4289983999



4278320927



4283595392



4278190080



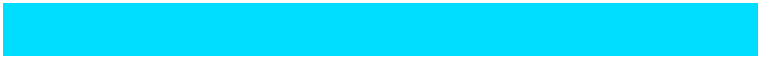
4286611584

Same Dimension

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



4278312703



4278247167



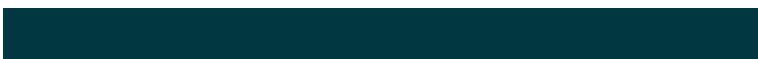
4278280959



4285759104



4278232767



4278204224

Inverse Universe

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



4294902238



4294901982



4294942209



4286608254



4290707622



4282384439

Previews

White Background



This preview shows how the Android color 4278312703 looks on a white background.

Color Contrast Check

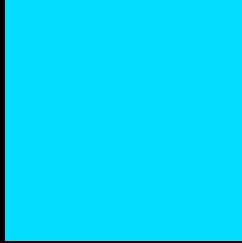
Large Text (above 18pt) WCAG AA × Fail

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 4278312703 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 4278312703 Background



This preview shows how black text looks on a background with the Android color 4278312703.



This preview shows how white text looks on a background with the Android color 4278312703.

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

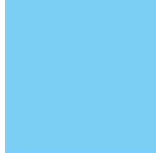


Trichromacy



Original Color

4278312703



Protanomaly

4286304245



Deuteranomaly

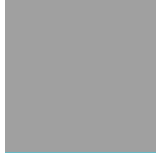
4286173183

Monochromacy



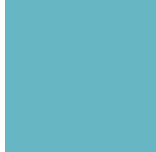
Original Color

4278312703



Achromatopsia

4288716960



Achromatomaly

4284921795

CSS Examples

Text

The CSS property to change the color of the text to Android 4278312703 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(1, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 222, 255)  
}
```

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(1, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 222, 255) }
```

Border

The CSS property to change the border of an element to Android 4278312703 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(1, 222, 255) }
```

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

```
.border{ border-color:rgb(1, 222, 255) }
```

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

Here you see how a box with a 4 pixel rgb(1, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 222,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278312703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 222, 255) }
```

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

```
.background{ background-color: rgb(1, 222,  
255) }
```

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