

# Converting Colors

Android(4278244338)

Have a look what the booklet for  
Android(4278244338) contains.

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**Color**

**Android(4278244338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D3F2
RGB	0, 211, 242
RGB Percent	0%, 83%, 95%
CMY	1.0000, 0.1725, 0.0510
CMYK	1.00, 0.13, 0.00, 0.05
HSL	188°, 100%, 47%
HSV	188°, 100%, 95%
XYZ	39.3213, 52.9993, 92.1618
YIQ	151.4450, -135.7070, -35.0910

# Conversions

## Conversions Part 2

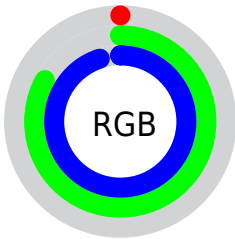
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 242
Decimal	54258
CIELab	77.87, -32.07, -27.34
CIELCh	78, 42.138, 220.444
Yxy	52.9993, 0.2131, 0.2873
Android (android.graphics.Color)	4278244338 (0xFF00D3F2)
YUV	151.4450, 44.6436, -132.8173
Hunter-Lab	72.8006, -30.9892, -24.0976

# Details

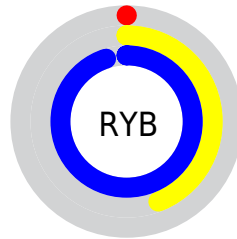
The Android color **4278244338** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294057728**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4285661183**, and **4278230202** is the 20% darker color. If you saturate the color by 10%, you get **4278244338**, and if you desaturate by 10%, it is **4279817970**.

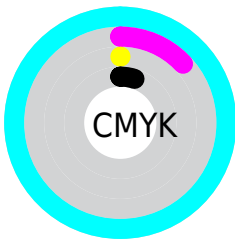
# Distribution



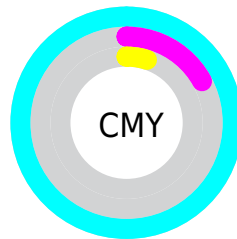
- Red (0%)
- Green (83%)
- Blue (95%)



- Red (0%)
- Yellow (44%)
- Blue (95%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (17%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278244338 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 4278244338 by changing the saturation by 10% instead.



 4278244338

 4278244338

4294967295

 4278237142

 4285661183

 4278230202

 4287954943

 4278223519

 4290052095

 4278216837

 4292149247

 4278210411

 4294246399

 4278204499

 4278199356

 4278190886

 4278190351

 4278244338

 4279817970

 4281391602

 4283030770

 4284604402

 4286178034

 4287751922

 4289325554

 4290964722

 4292538354

# Harmonies

## Analogous

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



4281718221



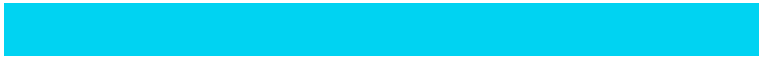
4278244338



4284009727

# Triad

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



4278244338



4294747612



4291674994

# Complementary

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



4278244338



4294057728

# 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.



4293965175



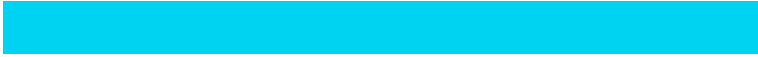
4278244338



4294943412

# Square

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



4278244338



4292325884



4294945168



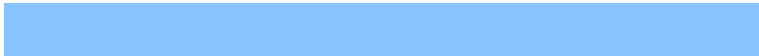
4288859524

# Rectangle

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



4278244338



4287153407



4294945168



4292460146



# Sweetspot

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



4278244338



4289983999



4278252060



4283595392



4278190080



4286611584

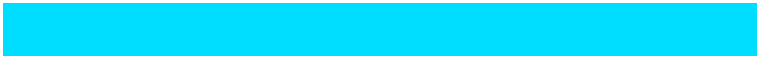


# Same Dimension

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



4278244338



4278247167



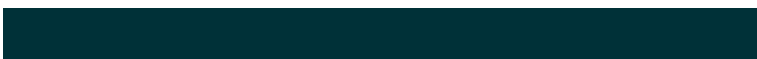
4278214130



4285298296



4278231224



4278202680



# Inverse Universe

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



4294050003



4294901982



4294087936



4286082166



4290248864



4281860145



# Previews

## White Background



This preview shows how the Android color 4278244338 looks on a white background.

## Color Contrast Check

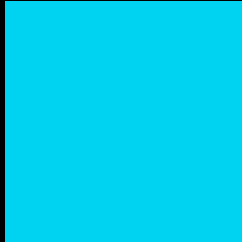
Large Text (above 18pt) WCAG AA × Fail

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 4278244338 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 4278244338 Background



This preview shows how black text looks on a background with the Android color 4278244338.



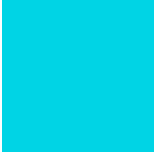
This preview shows how white text looks on a background with the Android color 4278244338.

# 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





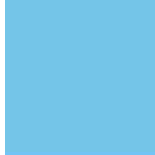
**Tritanopia**  
4278244581

# Trichromacy



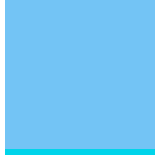
**Original Color**

4278244338



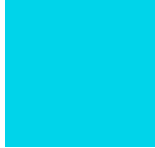
**Protanomaly**

4285842920



**Deuteranomaly**

4285777141



**Tritanomaly**

4278244586

# Monochromacy



**Original Color**

4278244338



**Achromatopsia**

4288124823



**Achromatomaly**

4284526008

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278244338 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, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 242)  
}
```

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, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 242) }
```

## Border

The CSS property to change the border of an element to Android 4278244338 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, 211, 242) }
```

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

```
.border{ border-color:rgb(0, 211, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4278244338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 242) }
```

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

```
.background{ background-color: rgb(0, 211,  
242) }
```

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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