

# Converting Colors

Android(4278910921)

Have a look what the booklet for  
Android(4278910921) contains.

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# Color

**Android(4278910921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AFFC9
RGB	10, 255, 201
RGB Percent	4%, 100%, 79%
CMY	0.9608, 0.0000, 0.2118
CMYK	0.96, 0.00, 0.21, 0.00
HSL	167°, 100%, 52%
HSV	167°, 96%, 100%
XYZ	46.4278, 75.8016, 67.4425
YIQ	175.5890, -128.6860, -68.7340

# Conversions

## Conversions Part 2

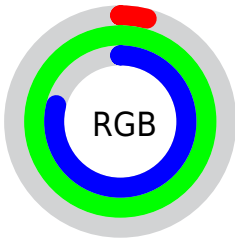
Format	Color
<a href="#">RYB</a>	<a href="#">10, 148, 255</a>
Decimal	<a href="#">720841</a>
CIELab	<a href="#">89.77, -62.12, 11.87</a>
CIELCh	<a href="#">90, 63.240, 169.180</a>
Yxy	<a href="#">75.8016, 0.2448, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4278910921 (0xFF0AFFC9)</a>
YUV	<a href="#">175.5890, 12.5276, -145.2216</a>
Hunter-Lab	<a href="#">87.0641, -57.1753, 15.0170</a>

# Details

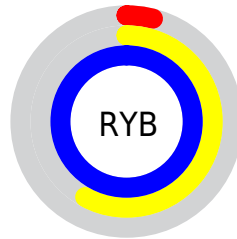
The Android color **4278910921** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **4294904384**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4285988863**, and **4278240659** is the 20% darker color. If you saturate the color by 10%, you get **4278255559**, and if you desaturate by 10%, it is **4280549327**.

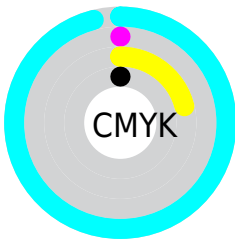
# Distribution



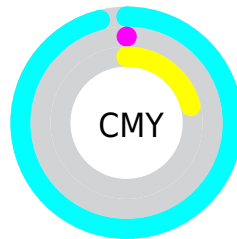
- Red (4%)
- Green (100%)
- Blue (79%)



- Red (4%)
- Yellow (58%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278910921 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 4278910921 by changing the saturation by 10% instead.



 4278910921

 4278910921

4294967295

 4278248110

 4285988863

 4278240659

 4288282623

 4278233465

 4290445311

 4278226272

 4292542463

 4278219593

 4294705151

 4278212658

 4278206237

 4278200069

 4278190080

■ 4278910921

■ 4278910921

■ 4278255559

■ 4280549327

■ 4282253268

■ 4283957210

■ 4285595615

■ 4287299557

■ 4288937963

■ 4290641904

■ 4292280310

■ 4293984252

# Harmonies

## Analogous

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



4288280720



4278910921



4278255615

# Triad

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



4278910921



4290960127



4294951048

# Complementary

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



4278910921



4294904384

# 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.



4294947005



4278910921



4294951935

# Square

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



4278910921



4278317055



4294947322



4294956904

# Rectangle

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



4278910921



4278255359



4294947322



4294949528

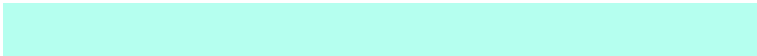


# Sweetspot

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



4278910921



4290117615



4282646282



4283662454



4278190080



4286611584



# Same Dimension

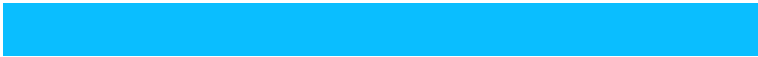
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278910921



4278255559



4278894335



4285759613



4278239125



4278206514



# Inverse Universe

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



4294904384



4294901816



4294920970



4286608246



4290707498

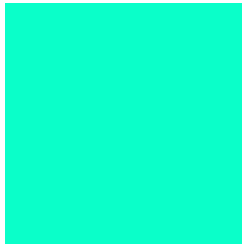


4282384398



# Previews

## White Background



This preview shows how the Android color 4278910921 looks on a white background.

## Color Contrast Check

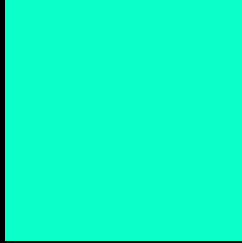
Large Text (above 18pt) WCAG AA × Fail

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 4278910921 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 4278910921 Background



This preview shows how black text looks on a background with the Android color 4278910921.

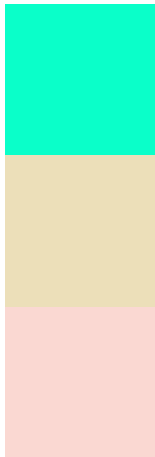


This preview shows how white text looks on a background with the Android color 4278910921.

# 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**  
4278910921

**Protanopia**  
4293713849

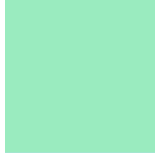
**Deuteranopia**  
4294629586



# Trichromacy



**Original Color**  
4278910921



**Protanomaly**  
4288342975



**Deuteranomaly**  
4288931535

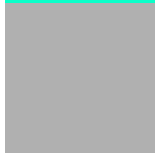


**Tritanomaly**  
4284347883

# Monochromacy



**Original Color**  
4278910921



**Achromatopsia**  
4289769648



**Achromatomaly**  
4285844921

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278910921 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(10, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(10, 255, 201)  
}
```

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(10, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 255, 201) }
```

## Border

The CSS property to change the border of an element to Android 4278910921 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(10, 255, 201) }
```

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

```
.border{ border-color:rgb(10, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(10, 255,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4278910921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 255, 201) }
```

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

```
.background{ background-color: rgb(10, 255,  
201) }
```

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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