

# Converting Colors

Android(4278250196)

Have a look what the booklet for  
Android(4278250196) contains.

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**Color**

**Android(4278250196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EAD4
RGB	0, 234, 212
RGB Percent	0%, 92%, 83%
CMY	1.0000, 0.0824, 0.1686
CMYK	1.00, 0.00, 0.09, 0.08
HSL	174°, 100%, 46%
HSV	174°, 100%, 92%
XYZ	41.3065, 63.5991, 72.3861
YIQ	161.5260, -132.4020, -56.4500

# Conversions

## Conversions Part 2

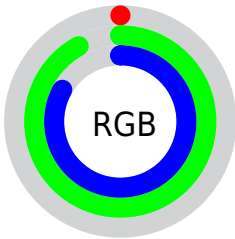
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 123, 234</a>
Decimal	<a href="#">60116</a>
CIELab	<a href="#">83.76, -51.26, -2.56</a>
CIELCh	<a href="#">84, 51.319, 182.859</a>
Yxy	<a href="#">63.5991, 0.2330, 0.3587</a>
Android (android.graphics.Color)	<a href="#">4278250196</a> ( <a href="#">0xFF00EAD4</a> )
YUV	<a href="#">161.5260, 24.8837, -141.6583</a>
Hunter-Lab	<a href="#">79.7490, -47.1057, 2.0083</a>

# Details

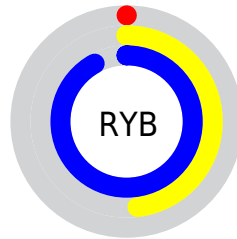
The Android color **4278250196** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **4293525526**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4285661183**, and **4278235550** is the 20% darker color. If you saturate the color by 10%, you get **4278250196**, and if you desaturate by 10%, it is **4279757526**.

# Distribution



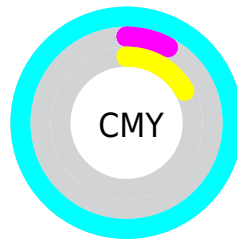
- Red (0%)
- Green (92%)
- Blue (83%)



- Red (0%)
- Yellow (48%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278250196 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 4278250196 by changing the saturation by 10% instead.



 4278250196

 4278250196

4294967295

 4278242744

 4285661183

 4278235550

 4287889407

 4278228611

 4290052095

 4278221674

 4292149247

 4278214994

 4294246399

 4278208571

 4278202662

 4278195730

 4278190080

 4278250196

 4279757526

 4281330392

 4282837723

 4284410589

 4285917919

 4287425249

 4288998115

 4290505446

 4292078312

# Harmonies

## Analogous

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



4286310051



4278250196



4278249983

# Triad

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



4278250196



4292592383



4294950523

# Complementary

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



4278250196



4293525526

# 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.



4294946719



4278250196



4294947326

# Square

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



4278250196



4287419647



4294945486



4293644398

# Rectangle

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



4278250196



4278248703



4294945486



4294949253

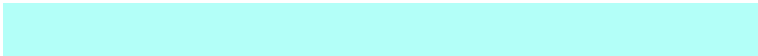


# Sweetspot

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



4278250196



4289986552



4279757312



4283596923



4278190080



4286611584



# Same Dimension

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



4278250196



4278255591



4278226154



4285166964



4278236580



4278203953



# Inverse Universe

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



4293525526



4294901784



4293549568



4285885035



4290052113

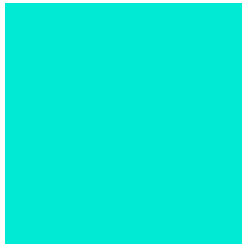


4281729029



# Previews

## White Background



This preview shows how the Android color 4278250196 looks on a white background.

## Color Contrast Check

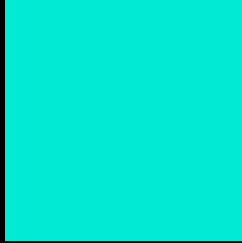
Large Text (above 18pt) WCAG AA × Fail

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 4278250196 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

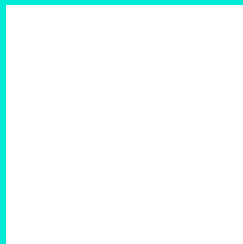
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278250196 Background



This preview shows how black text looks on a background with the Android color 4278250196.

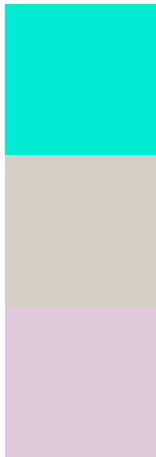


This preview shows how white text looks on a background with the Android color 4278250196.

# 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](#).

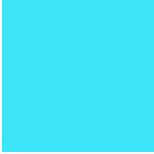
## Dichromacy



**Original Color**  
4278250196

**Protanopia**  
4292202180

**Deuteranopia**  
4292790747



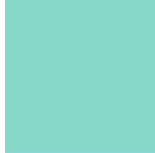
**Tritanopia**  
4282115575

# Trichromacy



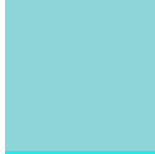
**Original Color**

4278250196



**Protanomaly**

4287158474



**Deuteranomaly**

4287485400



**Tritanomaly**

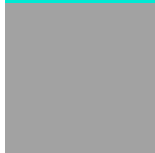
4280739818

# Monochromacy



**Original Color**

4278250196



**Achromatopsia**

4288848546



**Achromatomaly**

4284988596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278250196 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, 234, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 234, 212)  
}
```

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, 234, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 234, 212) }
```

## Border

The CSS property to change the border of an element to Android 4278250196 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, 234, 212) }
```

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

```
.border{ border-color:rgb(0, 234, 212) }
```

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

Here you see how a box with a 4 pixel rgb(0, 234, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 234,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4278250196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 234, 212) }
```

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

```
.background{ background-color: rgb(0, 234,  
212) }
```

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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