

# Converting Colors

Android(4279094706)

Have a look what the booklet for  
Android(4279094706) contains.

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**Color**

**Android(4279094706)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DCDB2
RGB	13, 205, 178
RGB Percent	5%, 80%, 70%
CMY	0.9490, 0.1961, 0.3020
CMYK	0.94, 0.00, 0.13, 0.20
HSL	172°, 88%, 43%
HSV	172°, 94%, 80%
XYZ	30.0332, 46.9626, 49.6012
YIQ	144.5140, -105.7650, -49.1010

# Conversions

## Conversions Part 2

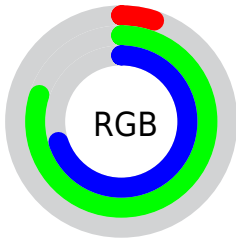
Format	Color
<a href="#">RYB</a>	<a href="#">13, 116, 205</a>
Decimal	<a href="#">904626</a>
CIELab	<a href="#">74.17, -48.09, 1.57</a>
CIELCh	<a href="#">74, 48.113, 178.131</a>
Yxy	<a href="#">46.9626, 0.2372, 0.3710</a>
Android (android.graphics.Color)	<a href="#">4279094706</a> ( <a href="#">0xFF0DCDB2</a> )
YUV	<a href="#">144.5140, 16.5086, -115.3378</a>
Hunter-Lab	<a href="#">68.5292, -41.6979, 5.0565</a>

# Details

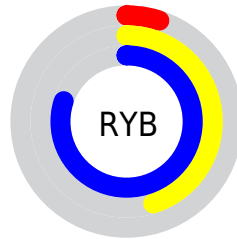
The Android color **4279094706** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **4291628328**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4285202410**, and **4278228605** is the 20% darker color. If you saturate the color by 10%, you get **4278242736**, and if you desaturate by 10%, it is **4280470965**.

# Distribution



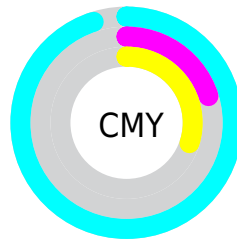
- Red (5%)
- Green (80%)
- Blue (70%)



- Red (5%)
- Yellow (45%)
- Blue (80%)



- Cyan (94%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279094706 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 4279094706 by changing the saturation by 10% instead.



 4279094706

 4279094706

4294967295

 4278235543

 4285202410

 4278228605

 4287365119

 4278221669

 4289396735

 4278214989

 4291428351

 4278208566

 4293459967

 4278202657

 4278195979

 4278190080

 4279094706

 4279094706

■ 4278242736

■ 4280470965

■ 4281781688

■ 4283157947

■ 4284468670

■ 4285844928

■ 4287155651

■ 4288531910

■ 4289842633

■ 4291218892

# Harmonies

## Analogous

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



4285647238



4279094706



4278242527

# Triad

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



4279094706



4290161919



4294353772

# Complementary

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



4279094706



4291628328

# 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.



4294940303



4279094706



4293631206

# Square

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



4279094706



4284988671



4294939323



4292129628

# Rectangle

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



4279094706



4278241783



4294939323



4294942326

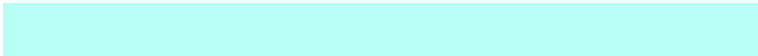


# Sweetspot

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



4279094706



4290314229



4280995085



4283727993



4278190080

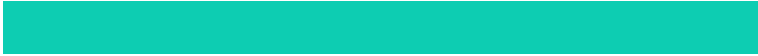


4286611584



# Same Dimension

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



4279094706



4278255579



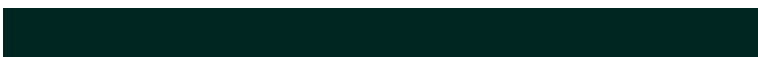
4279077581



4284245605



4278232718



4278199841



# Inverse Universe

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



4291628328



4294901796



4291645453



4284898397



4289069079

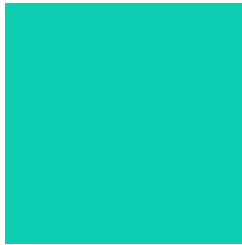


4280680453



# Previews

## White Background



This preview shows how the Android color 4279094706 looks on a white background.

## Color Contrast Check

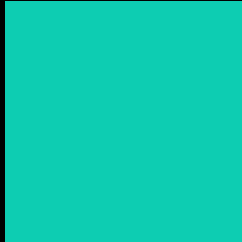
Large Text (above 18pt) WCAG AA × Fail

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 4279094706 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

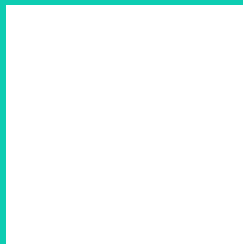
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279094706 Background



This preview shows how black text looks on a background with the Android color 4279094706.

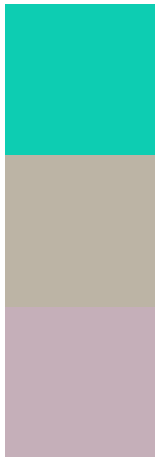


This preview shows how white text looks on a background with the Android color 4279094706.

# 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**  
4279094706

**Protanopia**  
4290557093

**Deuteranopia**  
4291145657



**Tritanopia**  
4281977048

# Trichromacy



**Original Color**

4279094706



**Protanomaly**

4286365098



**Deuteranomaly**

4286757558



**Tritanomaly**

4280928970

# Monochromacy



**Original Color**

4279094706



**Achromatopsia**

4287730065



**Achromatomaly**

4284589981

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279094706 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(13, 205, 178)` looks like.

```
.text, #text, p{  
    color:rgb(13, 205, 178)  
}
```

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(13, 205, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 205, 178) }
```

## Border

The CSS property to change the border of an element to Android 4279094706 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(13, 205, 178) }
```

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

```
.border{ border-color:rgb(13, 205, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 205, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 205, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 205, 178);  
box-shadow:4px 4px 4px 4px rgb(13, 205,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4279094706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 205, 178) }
```

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

```
.background{ background-color: rgb(13, 205,  
178) }
```

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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