

# Converting Colors

Android(4283161026)

Have a look what the booklet for  
Android(4283161026) contains.

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# **Color**

**Android(4283161026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BD9C2
RGB	75, 217, 194
RGB Percent	29%, 85%, 76%
CMY	0.7059, 0.1490, 0.2392
CMYK	0.65, 0.00, 0.11, 0.15
HSL	170°, 65%, 57%
HSV	170°, 65%, 85%
XYZ	37.4521, 55.0166, 59.6843
YIQ	171.9200, -77.2490, -37.2570

# Conversions

## Conversions Part 2

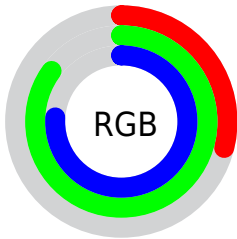
Format	Color
<a href="#">RYB</a>	<a href="#">75, 152, 217</a>
Decimal	<a href="#">4970946</a>
CIELab	<a href="#">79.05, -43.14, 0.20</a>
CIELCh	<a href="#">79, 43.139, 179.734</a>
Yxy	<a href="#">55.0166, 0.2461, 0.3616</a>
Android (android.graphics.Color)	<a href="#">4283161026 (0xFF4BD9C2)</a>
YUV	<a href="#">171.9200, 10.8854, -84.9988</a>
Hunter-Lab	<a href="#">74.1732, -39.6734, 4.2129</a>




# Details

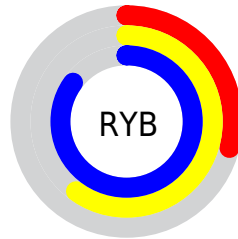
The Android color **4283161026** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **4292430690**, and the grayscale version is **4289506476**.




A 20% lighter version of the original color is **4287365114**, and **4278231437** is the 20% darker color. If you saturate the color by 10%, you get **4281719230**, and if you desaturate by 10%, it is **4284602822**.

# Distribution







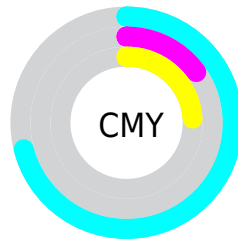
-  Red (29%)
-  Green (85%)
-  Blue (76%)






-  Red (29%)
-  Yellow (60%)
-  Blue (85%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (15%)



-  Cyan (71%)
-  Magenta (15%)
-  Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283161026 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 4283161026 by changing the saturation by 10% instead.





4283161026



4283161026

4294967295



4280401319



4287365114



4278231437



4289396735



4278224755



4291362815



4278217819



4293394431



4278211395



4278205229



4278199832




4278190080



4283161026



4283161026

 4281719230

 4284602822

 4280342971

 4285979081


 4278901175

 4287420877

 4278245814

 4288862672

 4290238932

 4291680727

 4293122523

 4294564318

 4294957538

# Harmonies

## Analogous

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



4286895514



4283161026



4278245610

# Triad

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



4283161026



4291344895



4294882175

# Complementary

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



4283161026



4292430690

# 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.



4294944926



4283161026



4294356205

# Square

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



4283161026



4287154431



4294943942



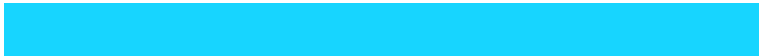
4292788595

# Rectangle

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



4283161026



4279752191



4294943942



4294946696

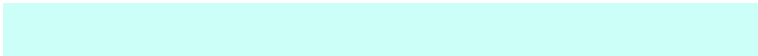


# Sweetspot

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



4283161026



4291624951



4284733771



4284579963



4278190080



4286611584



# Same Dimension

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



4283161026



4281794526



4283149017



4284706412



4278234513



4278201894



# Inverse Universe

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



4292430690



4294915670



4292442699



4285424484



4289527836

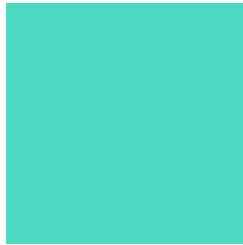


4281204743



# Previews

## White Background



This preview shows how the Android color 4283161026 looks on a white background.

## Color Contrast Check

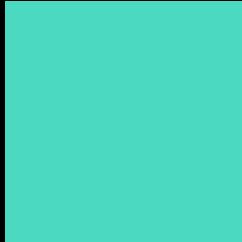
Large Text (above 18pt) WCAG AA × Fail

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 4283161026 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

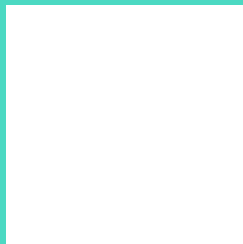
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283161026 Background



This preview shows how black text looks on a background with the Android color 4283161026.



This preview shows how white text looks on a background with the Android color 4283161026.

# 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

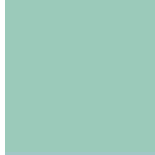




# Trichromacy



**Original Color**  
4283161026



**Protanomaly**  
4288400058



**Deuteranomaly**  
4288792518

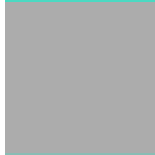


**Tritanomaly**  
4283815640

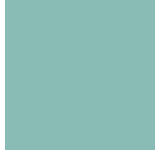
# Monochromacy



**Original Color**  
4283161026



**Achromatopsia**  
4289506476



**Achromatomaly**  
4287216820

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283161026 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(75, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(75, 217, 194)  
}
```

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(75, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 217, 194) }
```

## Border

The CSS property to change the border of an element to Android 4283161026 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(75, 217, 194) }
```

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

```
.border{ border-color:rgb(75, 217, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 217, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(75, 217,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4283161026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 217, 194) }
```

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

```
.background{ background-color: rgb(75, 217,  
194) }
```

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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