

Converting Colors

Android(4283024081)

Have a look what the booklet for
Android(4283024081) contains.

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Color

Android(4283024081)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49C2D1 |
| RGB | 73, 194, 209 |
| RGB Percent | 29%, 76%, 82% |
| CMY | 0.7137, 0.2392, 0.1804 |
| CMYK | 0.65, 0.07, 0.00, 0.18 |
| HSL | 187°, 60%, 55% |
| HSV | 187°, 65%, 82% |
| XYZ | 33.5481, 44.6035, 67.1628 |
| YIQ | 159.5310, -76.9310, -20.9870 |

Conversions

Conversions Part 2

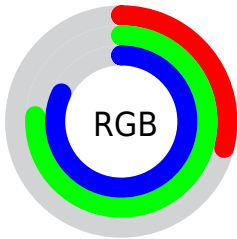
| Format | Color |
|-------------------------------------|--|
| RYB | 73, 137, 209 |
| Decimal | 4834001 |
| CIELab | 72.63, -28.67, -17.44 |
| CIELCh | 73, 33.557, 211.311 |
| Yxy | 44.6035, 0.2309, 0.3069 |
| Android (android.graphics.Color) | 4283024081 (0xFF49C2D1) |
| YUV | 159.5310, 24.3882, -75.8877 |
| Hunter-Lab | 66.7858, -27.2106, -12.8745 |




Details

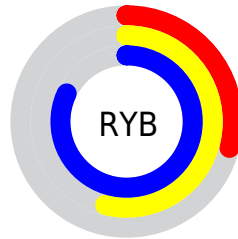
The Android color `4283024081` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291909705`, and the grayscale version is `4288651167`.




A 20% lighter version of the original color is `4287167487`, and `4278226075` is the 20% darker color. If you saturate the color by 10%, you get `4281647313`, and if you desaturate by 10%, it is `4284400849`.

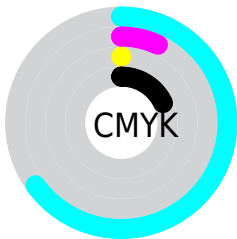
Distribution







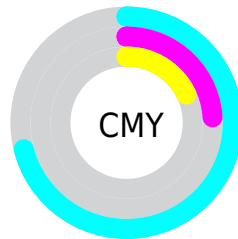
-  Red (29%)
-  Green (76%)
-  Blue (82%)






-  Red (29%)
-  Yellow (54%)
-  Blue (82%)



-  Cyan (65%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (71%)
-  Magenta (24%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283024081 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 4283024081 by changing the saturation by 10% instead.

 4283024081

 4283024081

4294967295


 4280264629

 4287167487

 4278226075

 4289200127

 4278219393

 4291166207

 4278212967

 4293132287

 4278206799

 4278201144

 4278194723

 4278190091

 4278190080

■ 4283024081

■ 4283024081

■ 4281647313

■ 4284400849

■ 4280270289

■ 4285777873

■ 4278893521

■ 4287154641

■ 4278237905

■ 4288531409

■ 4289908433

■ 4291219665

■ 4292596433

■ 4293973201

■ 4294957009

Harmonies

Analogous

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



4284400563



4283024081



4284399079

Triad

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



4283024081



4292518096



4291211637

Complementary

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



4283024081



4291909705

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.



4292912765



4283024081



4293761970

Square

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



4283024081



4290292455



4293828244



4289051261

Rectangle

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



4283024081



4286298350



4293828244



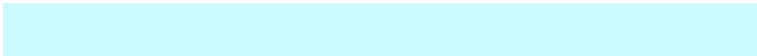
4291865974

Sweetspot

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



4283024081



4291623423



4283027799



4284578944



4278190080



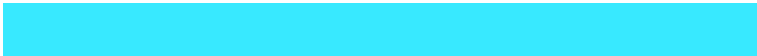
4286611584

Same Dimension

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



4283024081



4281919999



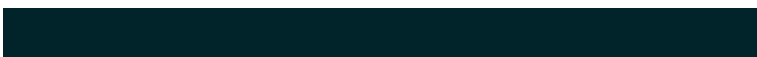
4283006929



4284376937



4278228648



4278199337

Inverse Universe

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



4291905986



4294916329



4291926857



4285095527



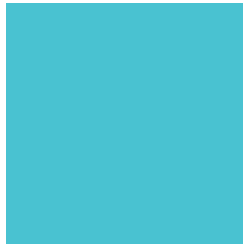
4289200278



4280877092

Previews

White Background



This preview shows how the Android color 4283024081 looks on a white background.

Color Contrast Check

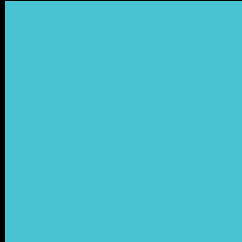
Large Text (above 18pt) WCAG AA × Fail

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 4283024081 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 4283024081 Background



This preview shows how black text looks on a background with the Android color 4283024081.



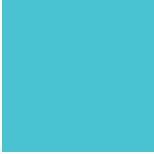
This preview shows how white text looks on a background with the Android color 4283024081.

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
4283024082

Trichromacy



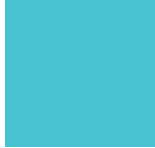
Original Color
4283024081



Protanomaly
4287215561



Deuteranomaly
4287346132

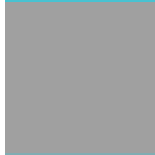


Tritanomaly
4283024082

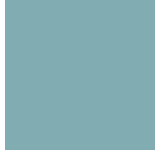
Monochromacy



Original Color
4283024081



Achromatopsia
4288716960



Achromatomaly
4286622898

CSS Examples

Text

The CSS property to change the color of the text to Android 4283024081 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(73, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(73, 194, 209)  
}
```

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(73, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 194, 209) }
```

Border

The CSS property to change the border of an element to Android 4283024081 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(73, 194, 209) }
```

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

```
.border{ border-color:rgb(73, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(73, 194,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4283024081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 194, 209) }
```

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

```
.background{ background-color: rgb(73, 194,  
209) }
```

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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