

Converting Colors

Android(4278570445)

Have a look what the booklet for
Android(4278570445) contains.

Android(4278570445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278570445)

Conversions

Conversions Part 1

Format	Color
Hex	05CDCD
RGB	5, 205, 205
RGB Percent	2%, 80%, 80%
CMY	0.9804, 0.1961, 0.1961
CMYK	0.98, 0.00, 0.00, 0.20
HSL	180°, 95%, 41%
HSV	180°, 98%, 80%
XYZ	32.9134, 48.1027, 65.3076
YIQ	145.2000, -119.2000, -42.4000

Conversions

Conversions Part 2

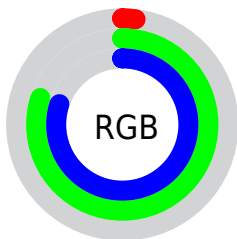
Format	Color
RYB	5, 105, 205
Decimal	380365
CIELab	74.89, -40.65, -11.96
CIELCh	75, 42.375, 196.396
Yxy	48.1027, 0.2249, 0.3287
Android (android.graphics.Color)	4278570445 (0xFF05CDCD)
YUV	145.2000, 29.4814, -122.9554
Hunter-Lab	69.3561, -36.6649, -7.2798

Details

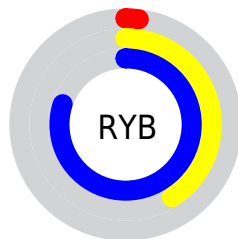
The Android color **4278570445** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291626245**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4285333503**, and **4278228631** is the 20% darker color. If you saturate the color by 10%, you get **4278242765**, and if you desaturate by 10%, it is **4279946701**.

Distribution



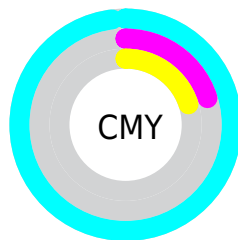
- Red (2%)
- Green (80%)
- Blue (80%)



- Red (2%)
- Yellow (41%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278570445 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 4278570445 by changing the saturation by 10% instead.



4278570445



4278570445

4294967295



4278235570



4285333503



4278228631



4287496191



4278221949



4289593343



4278215268



4291624959



4278208844



4293722111



4278202934



4278197024



4278190088



4278190080

■ 4278570445

■ 4278570445

■ 4278242765

■ 4279946701

■ 4281257421

■ 4282568141

■ 4283944397

■ 4285320653

■ 4286631373

■ 4288007629

■ 4289318349

■ 4290694605

Harmonies

Analogous

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



4284271781



4278570445



4278242032

Triad

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



4278570445



4292323054



4292980844

Complementary

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



4278570445



4291626245

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.



4294681474



4278570445



4294548684

Square

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



4278570445



4288853503



4294941348



4290559340

Rectangle

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



4278570445



4282435071



4294941348



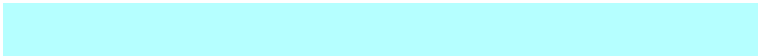
4293634929

Sweetspot

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



4278570445



4290117631



4278570245



4283662464



4278190080



4286611584

Same Dimension

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



4278570445



4278255615



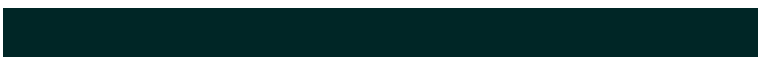
4278544845



4284245606



4278232742



4278199846

Inverse Universe

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



4291626445



4294902015



4291651845



4284898406



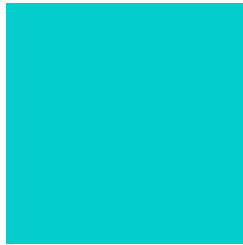
4289069222



4280680486

Previews

White Background



This preview shows how the Android color 4278570445 looks on a white background.

Color Contrast Check

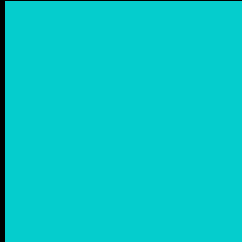
Large Text (above 18pt) WCAG AA × Fail

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 4278570445 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

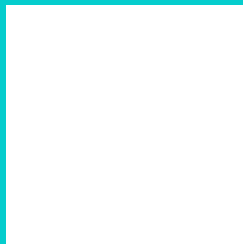
Any Text WCAG AAA ✓ Pass

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

Android 4278570445 Background



This preview shows how black text looks on a background with the Android color 4278570445.

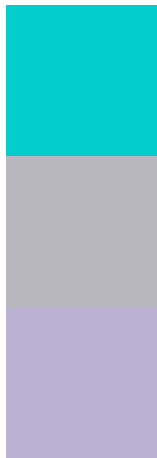


This preview shows how white text looks on a background with the Android color 4278570445.

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](#).

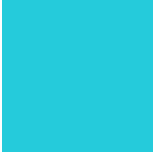
Dichromacy



Original Color
4278570445

Protanopia
4290295487

Deuteranopia
4290491091



Tritanopia
4280667099

Trichromacy



Original Color

4278570445



Protanomaly

4286037700



Deuteranomaly

4286168273



Tritanomaly

4279880918

Monochromacy



Original Color

4278570445



Achromatopsia

4287730065



Achromatomaly

4284393383

CSS Examples

Text

The CSS property to change the color of the text to Android 4278570445 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(5, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(5, 205, 205)  
}
```

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(5, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 205, 205) }
```

Border

The CSS property to change the border of an element to Android 4278570445 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(5, 205, 205) }
```

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

```
.border{ border-color:rgb(5, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(5, 205,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4278570445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 205, 205) }
```

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

```
.background{ background-color: rgb(5, 205,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor