

Converting Colors

Android(4278312163)

Have a look what the booklet for
Android(4278312163) contains.

Android(4278312163)	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(4278312163)

Conversions

Conversions Part 1

Format	Color
Hex	01DCE3
RGB	1, 220, 227
RGB Percent	0%, 86%, 89%
CMY	0.9961, 0.1373, 0.1098
CMYK	1.00, 0.03, 0.00, 0.11
HSL	182°, 99%, 45%
HSV	182°, 100%, 89%
XYZ	39.4708, 56.7389, 81.5444
YIQ	155.3170, -132.7710, -44.2510

Conversions

Conversions Part 2

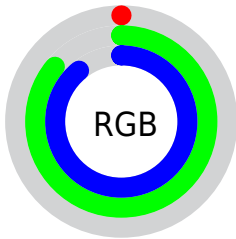
Format	Color
RYB	1, 112, 227
Decimal	122083
CIELab	80.03, -40.90, -16.05
CIELCh	80, 43.936, 201.428
Yxy	56.7389, 0.2221, 0.3192
Android (android.graphics.Color)	4278312163 (0xFF01DCE3)
YUV	155.3170, 35.3397, -135.3360
Hunter-Lab	75.3252, -38.2841, -11.4576

Details

The Android color **4278312163** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293068801**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4285595647**, and **4278232236** is the 20% darker color. If you saturate the color by 10%, you get **4278246627**, and if you desaturate by 10%, it is **4279819747**.

Distribution



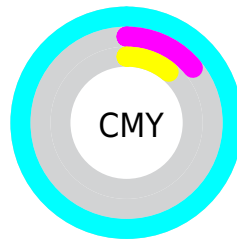
- Red (0%)
- Green (86%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278312163 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 4278312163 by changing the saturation by 10% instead.

 4278312163

 4278312163

4294967295

 4278239431

 4285595647

 4278232236

 4287889407

 4278225297

 4289986559

 4278218615

 4292083711

 4278212191

 4294180863

 4278206023

 4278200625

 4278190621

 4278190080

■ 4278312163

■ 4278312163

■ 4278246627

■ 4279819747

■ 4281261539

■ 4282769123

■ 4284276707

■ 4285784291

■ 4287226083

■ 4288733667

■ 4290241251

■ 4291683043

Harmonies

Analogous

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



4284275897



4278312163



4279752959

Triad

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



4278312163



4293898746



4293705845

Complementary

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



4278312163



4293068801

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.



4294947464



4278312163



4294944724

Square

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



4278312163



4290429183



4294944939



4291022201

Rectangle

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



4278312163



4284076799



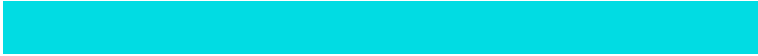
4294944939



4294425465

Sweetspot

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



4278312163



4289986047



4278313733



4283596416



4278190080



4286611584

Same Dimension

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



4278312163



4278253567



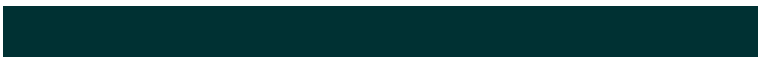
4278284003



4284969587



4278234547



4278202675

Inverse Universe

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



4293067228



4294902007



4293096961



4285753202



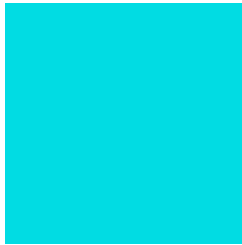
4289921197



4281532465

Previews

White Background



This preview shows how the Android color 4278312163 looks on a white background.

Color Contrast Check

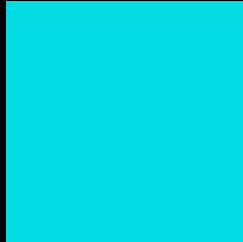
Large Text (above 18pt) WCAG AA × Fail

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 4278312163 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 4278312163 Background



This preview shows how black text looks on a background with the Android color 4278312163.



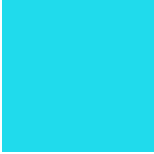
This preview shows how white text looks on a background with the Android color 4278312163.

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





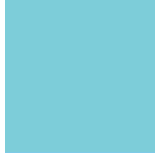
Tritanopia
4280343532

Trichromacy



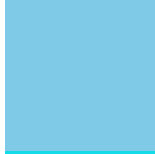
Original Color

4278312163



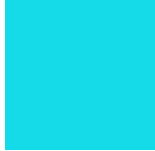
Protanomaly

4286434777



Deuteranomaly

4286499559



Tritanomaly

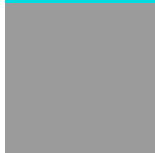
4279622633

Monochromacy



Original Color

4278312163



Achromatopsia

4288387995



Achromatomaly

4284724149

CSS Examples

Text

The CSS property to change the color of the text to Android 4278312163 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(1, 220, 227)` looks like.

```
.text, #text, p{  
    color:rgb(1, 220, 227)  
}
```

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(1, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 220, 227) }
```

Border

The CSS property to change the border of an element to Android 4278312163 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(1, 220, 227) }
```

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

```
.border{ border-color:rgb(1, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(1, 220,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4278312163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 220, 227) }
```

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

```
.background{ background-color: rgb(1, 220,  
227) }
```

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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