

Converting Colors

Android(4278247639)

Have a look what the booklet for
Android(4278247639) contains.

Android(4278247639)	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(4278247639)

Conversions

Conversions Part 1

Format	Color
Hex	00E0D7
RGB	0, 224, 215
RGB Percent	0%, 88%, 84%
CMY	1.0000, 0.1216, 0.1569
CMYK	1.00, 0.00, 0.04, 0.12
HSL	178°, 100%, 44%
HSV	178°, 100%, 88%
XYZ	38.9214, 58.2176, 73.4757
YIQ	155.9980, -130.6150, -50.2870

Conversions

Conversions Part 2

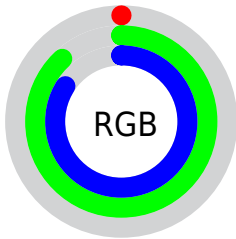
Format	Color
R _{YB}	0, 114, 224
Decimal	57559
CIE Lab	80.86, -46.20, -8.43
CIE LCh	81, 46.965, 190.335
Yxy	58.2176, 0.2281, 0.3412
Android (android.graphics.Color)	4278247639 (0xFF00E0D7)
YUV	155.9980, 29.0880, -136.8102
Hunter-Lab	76.3005, -42.4717, -3.6847

Details

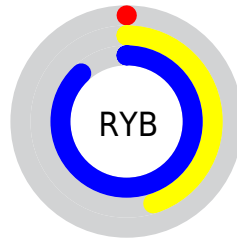
The Android color **4278247639** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292870153**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4285530111**, and **4278233248** is the 20% darker color. If you saturate the color by 10%, you get **4278247639**, and if you desaturate by 10%, it is **4279689432**.

Distribution



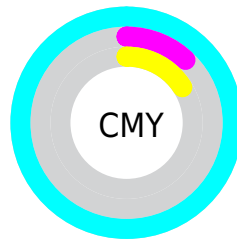
- Red (0%)
- Green (88%)
- Blue (84%)



- Red (0%)
- Yellow (45%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278247639 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 4278247639 by changing the saturation by 10% instead.

 4278247639

 4278247639

4294967295

 4278240443

 4285530111

 4278233248

 4287823871

 4278226310

 4289921023

 4278219373

 4292018175

 4278212949

 4294115327

 4278206526


 4278201128

 4278191892

 4278190080

 4278247639

 4279689432

 4281196761

 4282638554

 4284145883

 4285587676

 4287029468

 4288536797

 4289978590

 4291485919

Harmonies

Analogous

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



4285390506



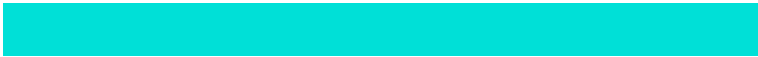
4278247639



4278246911

Triad

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



4278247639



4292983039



4294818934

Complementary

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



4278247639



4292870153

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.



4294946194



4278247639



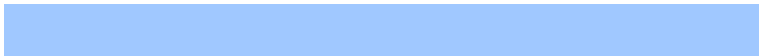
4294945511

Square

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



4278247639



4288727295



4294944443



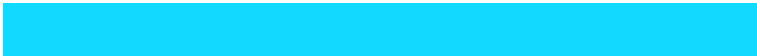
4292266865

Rectangle

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



4278247639



4279425535



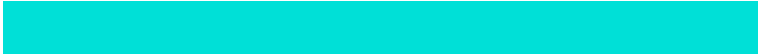
4294944443



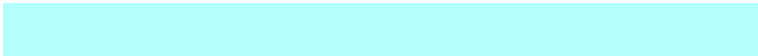
4294948733

Sweetspot

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



4278247639



4289986556



4278968320



4283596926



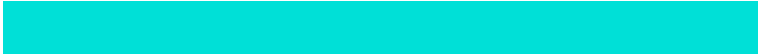
4278190080



4286611584

Same Dimension

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



4278247639



4278255605



4278221792



4284838000



4278235305



4278202415

Inverse Universe

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



4292870153



4294901770



4292896000



4285556069



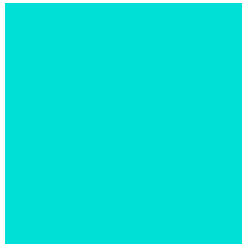
4289724423



4281335810

Previews

White Background



This preview shows how the Android color 4278247639 looks on a white background.

Color Contrast Check

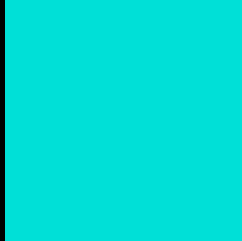
Large Text (above 18pt) WCAG AA × Fail

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 4278247639 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

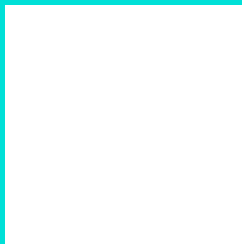
Any Text WCAG AAA ✓ Pass

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

Android 4278247639 Background



This preview shows how black text looks on a background with the Android color 4278247639.



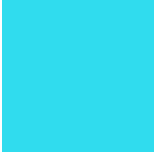
This preview shows how white text looks on a background with the Android color 4278247639.

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
4281392366

Trichromacy



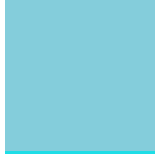
Original Color

4278247639



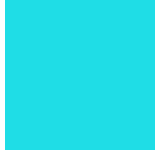
Protanomaly

4286697421



Deuteranomaly

4286893531



Tritanomaly

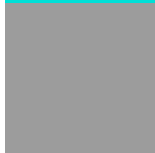
4280278502

Monochromacy



Original Color

4278247639



Achromatopsia

4288453788



Achromatomaly

4284724657

CSS Examples

Text

The CSS property to change the color of the text to Android 4278247639 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(0, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 215)  
}
```

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(0, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 215) }
```

Border

The CSS property to change the border of an element to Android 4278247639 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(0, 224, 215) }
```

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

```
.border{ border-color:rgb(0, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4278247639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 215) }
```

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

```
.background{ background-color: rgb(0, 224,  
215) }
```

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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