

Converting Colors

Android(4278246894)

Have a look what the booklet for
Android(4278246894) contains.

Android(4278246894)	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(4278246894)

Conversions

Conversions Part 1

Format	Color
Hex	00DDEE
RGB	0, 221, 238
RGB Percent	0%, 87%, 93%
CMY	1.0000, 0.1333, 0.0667
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 100%, 47%
HSV	184°, 100%, 93%
XYZ	41.2891, 57.8859, 89.8859
YIQ	156.8590, -137.1730, -41.5650

Conversions

Conversions Part 2

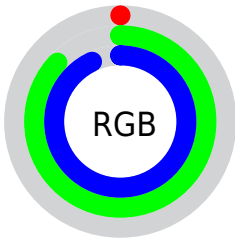
Format	Color
RYB	0, 115, 238
Decimal	56814
CIELab	80.68, -38.03, -20.94
CIELCh	81, 43.409, 208.835
Yxy	57.8859, 0.2184, 0.3062
Android (android.graphics.Color)	4278246894 (0xFF00DDEE)
YUV	156.8590, 40.0025, -137.5653
Hunter-Lab	76.0828, -36.2755, -16.7885

Details

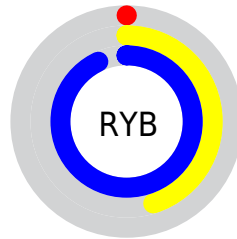
The Android color **4278246894** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293792000**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4285726719**, and **4278232502** is the 20% darker color. If you saturate the color by 10%, you get **4278246894**, and if you desaturate by 10%, it is **4279820270**.

Distribution



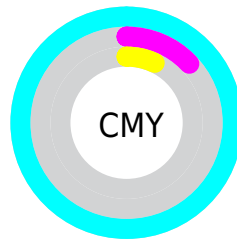
- Red (0%)
- Green (87%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246894 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 4278246894 by changing the saturation by 10% instead.

 4278246894

 4278246894

4294967295

 4278239698

 4285726719

 4278232502

 4287954943

 4278225563

 4290117631

 4278218881

 4292214783

 4278212456

 4294311935

 4278206288

 4278200633

 4278191908

 4278190092

 4278246894

 4279820270

 4281393390

 4282901230

 4284474606

 4286047982

 4287621102

 4289194478

 4290702318

 4292275438

Harmonies

Analogous

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



428355525



4278246894



4282177535

Triad

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



4278246894



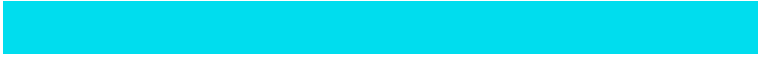
4294619379



4293182838

Complementary

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



4278246894



4293792000

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.



4294948740



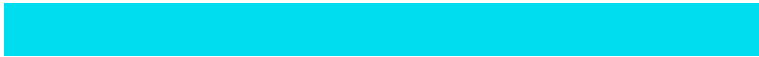
4278246894



4294945227

Square

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



4278246894



4291477247



4294945955



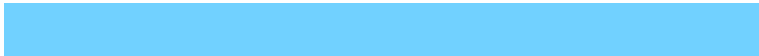
4290433664

Rectangle

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



4278246894



4285649407



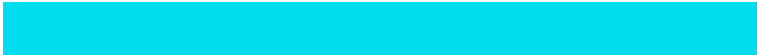
4294945955



4293968248

Sweetspot

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



4278246894



4289985279



4278251024



4283595904



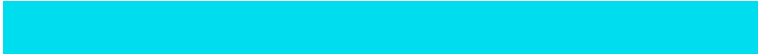
4278190080



4286611584

Same Dimension

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



4278246894



4278251007



4278216686



4285298552



4278233784



4278203448

Inverse Universe

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



4293787869



4294901997



4293822208



4286082167



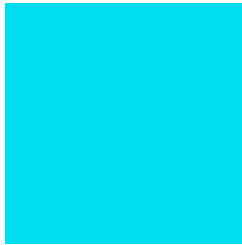
4290248874



4281860148

Previews

White Background



This preview shows how the Android color 4278246894 looks on a white background.

Color Contrast Check

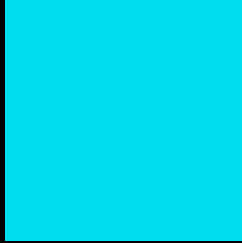
Large Text (above 18pt) WCAG AA × Fail

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 4278246894 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 4278246894 Background



This preview shows how black text looks on a background with the Android color 4278246894.



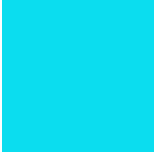
This preview shows how white text looks on a background with the Android color 4278246894.

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





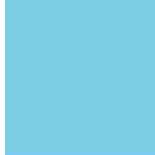
Tritanopia
4278967791

Trichromacy



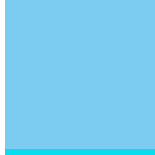
Original Color

4278246894



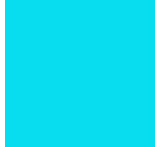
Protanomaly

4286369508



Deuteranomaly

4286369010



Tritanomaly

4278705647

Monochromacy



Original Color

4278246894



Achromatopsia

4288519581



Achromatomaly

4284789946

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246894 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, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 238) }
```

Border

The CSS property to change the border of an element to Android 4278246894 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, 221, 238) }
```

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

```
.border{ border-color:rgb(0, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4278246894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 238) }
```

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

```
.background{ background-color: rgb(0, 221,  
238) }
```

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