

# Converting Colors

Android(4278894312)

Have a look what the booklet for  
Android(4278894312) contains.

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# **Color**

**Android(4278894312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ABEE8
RGB	10, 190, 232
RGB Percent	4%, 75%, 91%
CMY	0.9608, 0.2549, 0.0902
CMYK	0.96, 0.18, 0.00, 0.09
HSL	191°, 92%, 47%
HSV	191°, 96%, 91%
XYZ	33.1041, 42.7176, 82.8445
YIQ	140.9680, -120.7620, -25.0980

# Conversions

## Conversions Part 2

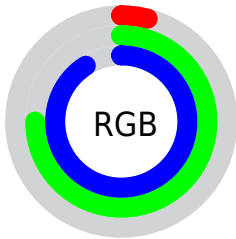
Format	Color
<a href="#">RYB</a>	<a href="#">10, 109, 232</a>
Decimal	<a href="#">704232</a>
CIELab	<a href="#">71.36, -24.77, -31.96</a>
CIELCh	<a href="#">71, 40.436, 232.219</a>
Yxy	<a href="#">42.7176, 0.2086, 0.2692</a>
Android (android.graphics.Color)	<a href="#">4278894312 (0xFF0ABEE8)</a>
YUV	<a href="#">140.9680, 44.8788, -114.8589</a>
Hunter-Lab	<a href="#">65.3587, -23.9677, -29.4010</a>

# Details

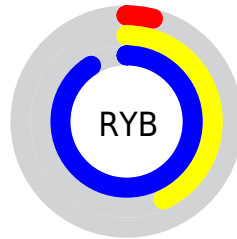
The Android color `4278894312` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4293407754`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4285528063`, and `4278225072` is the 20% darker color. If you saturate the color by 10%, you get `4278238440`, and if you desaturate by 10%, it is `4280402664`.

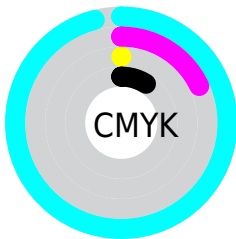
# Distribution



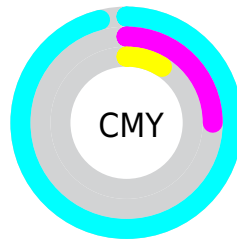
- Red (4%)
- Green (75%)
- Blue (91%)



- Red (4%)
- Yellow (43%)
- Blue (91%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



















- Cyan (96%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278894312 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 4278894312 by changing the saturation by 10% instead.



 4278894312	 4278894312
4294967295	 4278232012
 4285528063	 4278225072
 4287692799	 4278218645
 4289789951	 4278212219
 4291887103	 4278206306
 4293918719	 4278200650
	 4278193460
	 4278190622
	 4278190080

■ 4278894312

■ 4278894312

■ 4278238440

■ 4280402664

■ 4281911272

■ 4283485160

■ 4284993768

■ 4286502120

■ 4288010472

■ 4289519080

■ 4291092968

■ 4292601576

# Harmonies

## Analogous

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



4278239945



4278894312



4284921335

# Triad

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



4278894312



4293891002



4289443177

# Complementary

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



4278894312



4293407754

# 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.



4291799397



4278894312



4294349717

# Square

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



4278894312



4292123612



4293565558



4286627200

# Rectangle

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



4278894312



4287737335



4293565558



4290294117

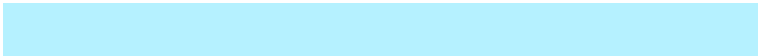


# Sweetspot

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



4278894312



4290114047



4278904883



4283660160



4278190080



4286611584

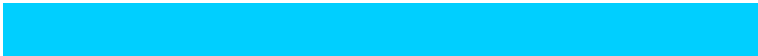


# Same Dimension

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



4278894312



4278243327



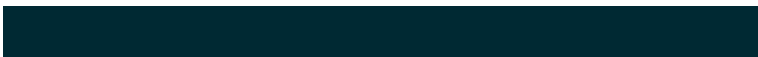
4278866152



4284969331



4278227379



4278200627



# Inverse Universe

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



4293397182



4294901967



4293435914



4285753201



4289921169

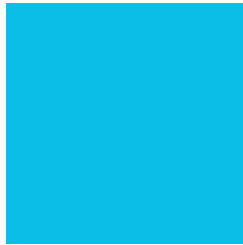


4281532457



# Previews

## White Background



This preview shows how the Android color 4278894312 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 4278894312 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 4278894312 Background



This preview shows how black text looks on a background with the Android color 4278894312.



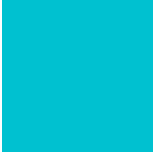
This preview shows how white text looks on a background with the Android color 4278894312.

# 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





# Trichromacy



**Original Color**  
4278894312



**Protanomaly**  
4285248480



**Deuteranomaly**  
4284920555



**Tritanomaly**  
4278501593

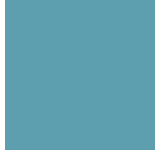
# Monochromacy



**Original Color**  
4278894312



**Achromatopsia**  
4287466893



**Achromatomaly**  
4284325806

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278894312 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(10, 190, 232)` looks like.

```
.text, #text, p{  
    color:rgb(10, 190, 232)  
}
```

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(10, 190, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 190, 232) }
```

## Border

The CSS property to change the border of an element to Android 4278894312 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(10, 190, 232) }
```

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

```
.border{ border-color:rgb(10, 190, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 190, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 190, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 190, 232);  
box-shadow:4px 4px 4px 4px rgb(10, 190,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4278894312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 190, 232) }
```

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

```
.background{ background-color: rgb(10, 190,  
232) }
```

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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