

Converting Colors

Android(4278891472)

Have a look what the booklet for
Android(4278891472) contains.

| | |
|--|----|
| Android(4278891472) | 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(4278891472)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0AB3D0 |
| RGB | 10, 179, 208 |
| RGB Percent | 4%, 70%, 82% |
| CMY | 0.9608, 0.2980, 0.1843 |
| CMYK | 0.95, 0.14, 0.00, 0.18 |
| HSL | 189°, 91%, 43% |
| HSV | 189°, 95%, 82% |
| XYZ | 27.6304, 36.8588, 65.3327 |
| YIQ | 131.7750, -110.0330, -26.8090 |

Conversions

Conversions Part 2

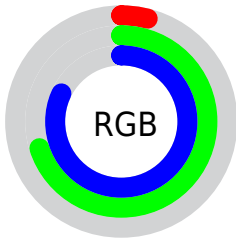
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 10, 101, 208 |
| Decimal | 701392 |
| CIELab | 67.17, -27.27, -25.29 |
| CIELCh | 67, 37.195, 222.840 |
| Yxy | 36.8588, 0.2128, 0.2839 |
| Android (android.graphics.Color) | 4278891472 (0xFF0AB3D0) |
| YUV | 131.7750, 37.5789, -106.7967 |
| Hunter-Lab | 60.7114, -25.0077, -21.3050 |

Details

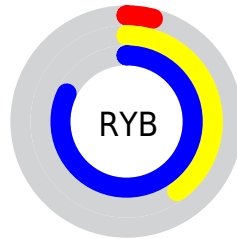
The Android color `4278891472` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4291831562`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285131775`, and `4278222490` is the 20% darker color. If you saturate the color by 10%, you get `4278235856`, and if you desaturate by 10%, it is `4280268496`.

Distribution



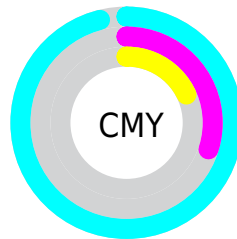
- Red (4%)
- Green (70%)
- Blue (82%)



- Red (4%)
- Yellow (40%)
- Blue (82%)



- Cyan (95%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278891472 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 4278891472 by changing the saturation by 10% instead.



4278891472



4278891472

4294967295



4278229172



4285131775



4278222490



4287299583



4278216064



4289331199



4278209638



4291362815



4278203726



4293394431



4278198839



4278190626



4278190088



4278190080

■ 4278891472

■ 4278891472

■ 4278235856

■ 4280268496

■ 4281645520

■ 4282957008

■ 4284334032

■ 4285711056

■ 4287088080

■ 4288465104

■ 4289776592

■ 4291153616

Harmonies

Analogous

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



4280858033



4278891472



4283411683

Triad

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



4278891472



4292447416



4289439329

Complementary

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



4278891472



4291831562

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.



4291468132



4278891472



4293233046

Square

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



4278891472



4290418389



4292841591



4287016817

Rectangle

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



4278891472



4286097126



4292841591



4290159456

Sweetspot

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



4278891472



4290114815



4278898724



4283660672



4278190080



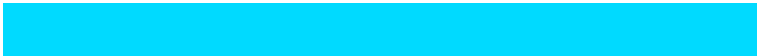
4286611584

Same Dimension

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



4278891472



4278246143



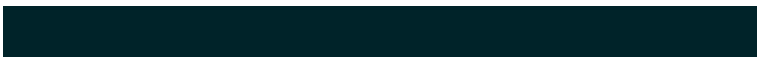
4278866896



4284376937



4278227112



4278199081

Inverse Universe

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



4291824307



4294901978



4291856138



4285095527



4289200272



4280877091

Previews

White Background



This preview shows how the Android color 4278891472 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 4278891472 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 4278891472 Background



This preview shows how black text looks on a background with the Android color 4278891472.

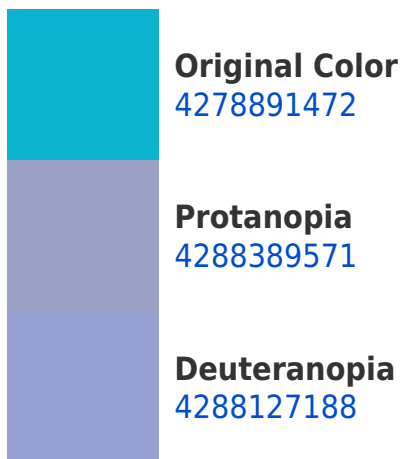


This preview shows how white text looks on a background with the Android color 4278891472.

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](#).

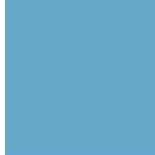
Dichromacy



Trichromacy



Original Color
4278891472



Protanomaly
4284917960



Deuteranomaly
4284786643



Tritanomaly
4278498504

Monochromacy



Original Color
4278891472



Achromatopsia
4286874756



Achromatomaly
4283995552

CSS Examples

Text

The CSS property to change the color of the text to Android 4278891472 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, 179, 208)` looks like.

```
.text, #text, p{  
    color:rgb(10, 179, 208)  
}
```

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, 179, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 179, 208) }
```

Border

The CSS property to change the border of an element to Android 4278891472 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, 179, 208) }
```

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

```
.border{ border-color:rgb(10, 179, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 179, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(10, 179, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(10, 179, 208); box-shadow:4px 4px 4px 4px rgb(10, 179, 208) }
```

Background

The CSS property to change the background color of an element to Android 4278891472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 179, 208) }
```

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

```
.background{ background-color: rgb(10, 179,  
208) }
```

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