

# Converting Colors

Android(4278895795)

Have a look what the booklet for  
Android(4278895795) contains.

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# **Color**

**Android(4278895795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AC4B3
RGB	10, 196, 179
RGB Percent	4%, 77%, 70%
CMY	0.9608, 0.2314, 0.2980
CMYK	0.95, 0.00, 0.09, 0.23
HSL	175°, 90%, 40%
HSV	175°, 95%, 77%
XYZ	28.0018, 42.7991, 49.4330
YIQ	138.4480, -105.3990, -44.7190

# Conversions

## Conversions Part 2

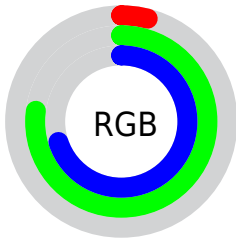
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 107, 196
Decimal	705715
CIELab	71.42, -44.10, -2.99
CIELCh	71, 44.205, 183.883
Yxy	42.7991, 0.2329, 0.3560
Android (android.graphics.Color)	4278895795 (0xFF0AC4B3)
YUV	138.4480, 19.9921, -112.6489
Hunter-Lab	65.4210, -38.0844, 0.9943

# Details

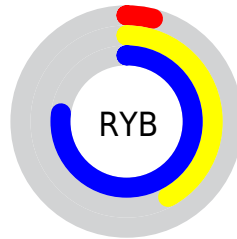
The Android color `4278895795` is a dark color, and the websafe version is hex `00CCCC`. The color can be described as dark washed spring green. A complement of this color would be `4291037723`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285070827`, and `4278226302` is the 20% darker color. If you saturate the color by 10%, you get `4278240434`, and if you desaturate by 10%, it is `4280206517`.

# Distribution



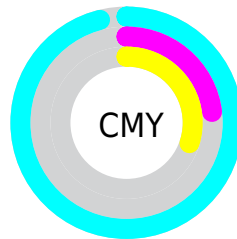
- Red (4%)
- Green (77%)
- Blue (70%)



- Red (4%)
- Yellow (42%)
- Blue (77%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (96%)
- Magenta (23%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278895795 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 4278895795 by changing the saturation by 10% instead.





4278895795



4278895795

4294967295



4278233240



4285070827



4278226302



4287168511



4278219621



4289200127



4278213198



4291231743



4278206775



4293263359



4278201122



4278192652



4278190080



4278895795



4278895795

■ 4278240434

■ 4280206517

■ 4281451703

■ 4282762424

■ 4284007610

■ 4285318332

■ 4286629054

■ 4287874240

■ 4289184961

■ 4290430147

# Harmonies

## Analogous

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



4284924298



4278895795



4278240219

# Triad

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



4278895795



4290421490



4293238887

# Complementary

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



4278895795



4291037723

# 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.



4294546308



4278895795



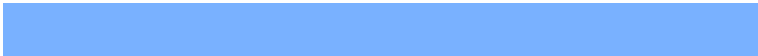
4293301715

# Square

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



4278895795



4286165503



4294676139



4291014237

# Rectangle

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



4278895795



4278239215



4294676139



4293761903

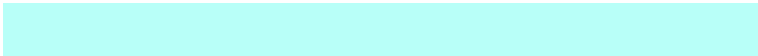


# Sweetspot

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



4278895795



4290314232



4280140810



4283727996



4278190080



4286611584



# Same Dimension

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



4278895795



4278255592



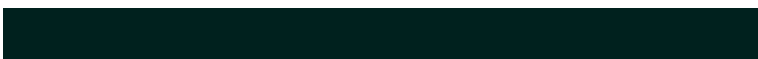
4278876868



4283916640



4278231442



4278198558



# Inverse Universe

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



4291037723



4294901783



4291056650



4284569432



4288741391

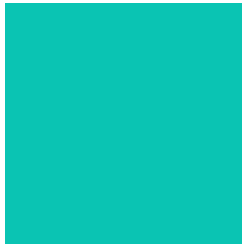


4280352771



# Previews

## White Background



This preview shows how the Android color 4278895795 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 4278895795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

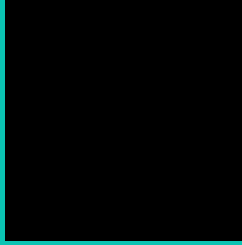
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

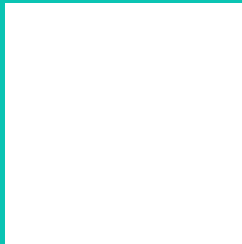
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278895795 Background



This preview shows how black text looks on a background with the Android color 4278895795.

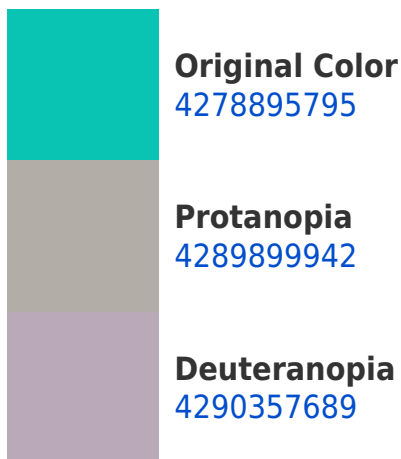


This preview shows how white text looks on a background with the Android color 4278895795.

# Color Blindness Simulation

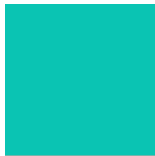
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278895795



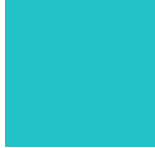
**Protanomaly**

4285904299



**Deuteranomaly**

4286165943



**Tritanomaly**

4280533445

# Monochromacy



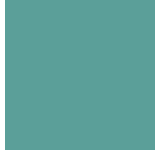
**Original Color**

4278895795



**Achromatopsia**

4287269514



**Achromatomaly**

4284194713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278895795 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, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(10, 196, 179)  
}
```

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, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 196, 179) }
```

## Border

The CSS property to change the border of an element to Android 4278895795 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, 196, 179) }
```

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

```
.border{ border-color:rgb(10, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 196, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 196, 179);  
box-shadow:4px 4px 4px 4px rgb(10, 196,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4278895795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 196, 179) }
```

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

```
.background{ background-color: rgb(10, 196,  
179) }
```

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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