

# Converting Colors

Android(4278896095)

Have a look what the booklet for  
Android(4278896095) contains.

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**Color**

**Android(4278896095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AC5DF
RGB	10, 197, 223
RGB Percent	4%, 77%, 87%
CMY	0.9608, 0.2275, 0.1255
CMYK	0.96, 0.12, 0.00, 0.13
HSL	187°, 91%, 46%
HSV	187°, 96%, 87%
XYZ	33.4107, 45.3247, 76.7997
YIQ	144.0510, -119.7980, -31.5580

# Conversions

## Conversions Part 2

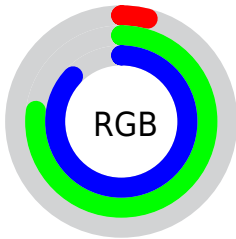
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 110, 223
Decimal	706015
CIELab	73.11, -31.20, -24.40
CIELCh	73, 39.610, 218.029
Yxy	45.3247, 0.2148, 0.2914
Android (android.graphics.Color)	4278896095 (0xFF0AC5DF)
YUV	144.0510, 38.9219, -117.5627
Hunter-Lab	67.3237, -29.2322, -20.5087

# Details

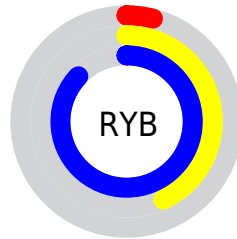
The Android color `4278896095` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed cyan. A complement of this color would be `4292813834`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285464319`, and `4278226856` is the 20% darker color. If you saturate the color by 10%, you get `4278240479`, and if you desaturate by 10%, it is `4280338655`.

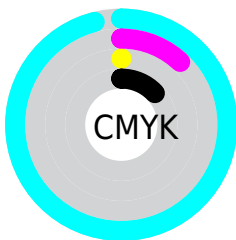
# Distribution



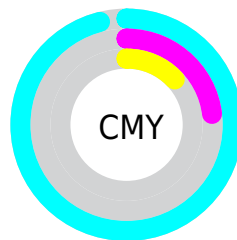
- Red (4%)
- Green (77%)
- Blue (87%)



- Red (4%)
- Yellow (43%)
- Blue (87%)



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (23%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278896095 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 4278896095 by changing the saturation by 10% instead.





4278896095



4278896095

4294967295



4278233795



4285464319



4278226856



4287627263



4278220173



4289724415



4278213748



4291821567



4278207579



4293853183



4278201667



4278195501



4278190360



4278190080

■ 4278896095

■ 4278896095

■ 4278240479

■ 4280338655

■ 4281846495

■ 4283289055

■ 4284731615

■ 4286239711

■ 4287682015

■ 4289124575

■ 4290567135

■ 4292074975

# Harmonies

## Analogous

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



4281911228



4278896095



4283351030

# Triad

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



4278896095



4293499855



4290950251

# Complementary

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



4278896095



4292813834

# 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.



4293044337



4278896095



4294612907

# Square

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



4278896095



4291077869



4294352009



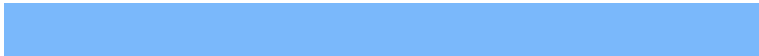
4288331385

# Rectangle

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



4278896095



4286232827



4294352009



4291670122



# Sweetspot

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



4278896095



4290115327



4278902563



4283660928



4278190080



4286611584

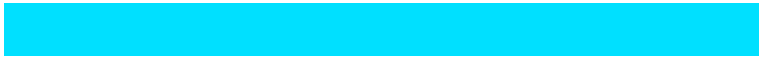


# Same Dimension

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



4278896095



4278247679



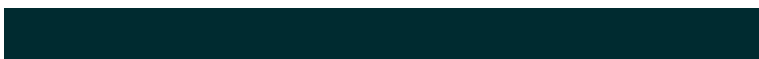
4278869215



4284837744



4278229680



4278201136



# Inverse Universe

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



4292807365



4294901984



4292840714



4285556079



4289724570

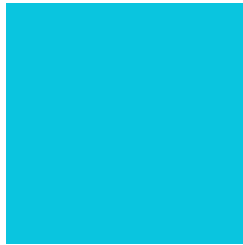


4281335851



# Previews

## White Background



This preview shows how the Android color 4278896095 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 4278896095 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 4278896095 Background



This preview shows how black text looks on a background with the Android color 4278896095.



This preview shows how white text looks on a background with the Android color 4278896095.

# 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](#).

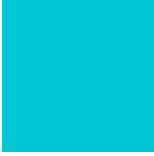
## Dichromacy



**Original Color**  
4278896095

**Protanopia**  
4289507793

**Deuteranopia**  
4289310692



**Tritanopia**  
4278240982

# Trichromacy



**Original Color**

4278896095



**Protanomaly**

4285642966



**Deuteranomaly**

4285511650



**Tritanomaly**

4278503129

# Monochromacy



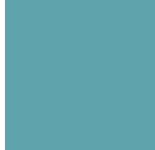
**Original Color**

4278896095



**Achromatopsia**

4287664272



**Achromatomaly**

4284457901

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278896095 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, 197, 223)` looks like.

```
.text, #text, p{  
    color:rgb(10, 197, 223)  
}
```

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, 197, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 197, 223) }
```

## Border

The CSS property to change the border of an element to Android 4278896095 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, 197, 223) }
```

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

```
.border{ border-color:rgb(10, 197, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 197, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 197, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 197, 223);  
box-shadow:4px 4px 4px 4px rgb(10, 197,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4278896095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 197, 223) }
```

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

```
.background{ background-color: rgb(10, 197,  
223) }
```

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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