

# Converting Colors

Android(4282166979)

Have a look what the booklet for  
Android(4282166979) contains.

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# **Color**

**Android(4282166979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CAEC3
RGB	60, 174, 195
RGB Percent	24%, 68%, 76%
CMY	0.7647, 0.3176, 0.2353
CMYK	0.69, 0.11, 0.00, 0.24
HSL	189°, 53%, 50%
HSV	189°, 69%, 76%
XYZ	26.8499, 35.1729, 57.0037
YIQ	142.3080, -74.6850, -17.6370

# Conversions

## Conversions Part 2

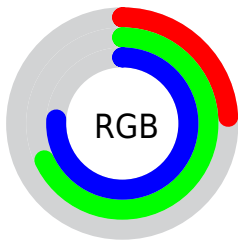
Format	Color
R <sub>YB</sub>	60, 122, 195
Decimal	3976899
CIE <sub>Lab</sub>	65.88, -24.87, -20.01
CIE <sub>LCh</sub>	66, 31.924, 218.825
Yxy	35.1729, 0.2256, 0.2955
Android (android.graphics.Color)	4282166979 (0xFF3CAEC3)
YUV	142.3080, 25.9772, -72.1841
Hunter-Lab	59.3067, -22.9747, -15.4729

# Details

The Android color `4282166979` is a dark color, and the websafe version is hex `339999`. The color can be described as middle muted azure. A complement of this color would be `4290990396`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4286375676`, and `4278221197` is the 20% darker color. If you saturate the color by 10%, you get `4280921027`, and if you desaturate by 10%, it is `4283478467`.

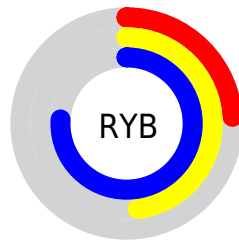
# Distribution



Red (24%)

Green (68%)

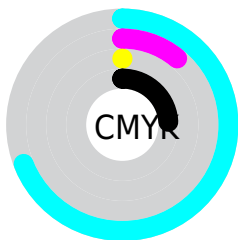
Blue (76%)



Red (24%)

Yellow (48%)

Blue (76%)

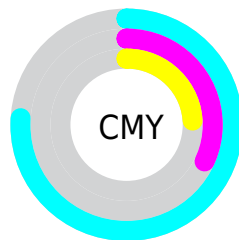


Cyan (69%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (32%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282166979 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 4282166979 by changing the saturation by 10% instead.





4282166979



4282166979

4294967295



4278686632



4286375676



4278221197



4288348159



4278214772



4290314239



4278208603



4292280319



4278202692



4294246399



4278197805



4278190361



4278190080



4282166979



4282166979

■ 4280921027

■ 4283478467

■ 4279609539

■ 4284724419

■ 4278363587

■ 4286035907

■ 4278232515

■ 4287281859

■ 4288593347

■ 4289839299

■ 4291150787

■ 4292396739

■ 4293708227

# Harmonies

## Analogous

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



4283019432



4282166979



4284066261

# Triad

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



4282166979



4291530165



4289438055

# Complementary

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



4282166979



4290990396

# 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.



4291139435



4282166979



4292381337

# Square

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



4282166979



4289697485



4292185726



4287408499

# Rectangle

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



4282166979



4286030809



4292185726



4290092647



# Sweetspot

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



4282166979



4291294460



4282172240



4284513152



4278190080



4286611584



# Same Dimension

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



4282166979



4281064700



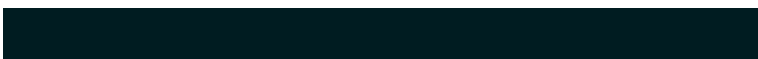
4282149827



4283916129



4278225057



4278197281



# Inverse Universe

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



4290985134



4294716380



4291007548



4284569439



4288741512



4280352796



# Previews

## White Background



This preview shows how the Android color 4282166979 looks on a white background.

## Color Contrast Check

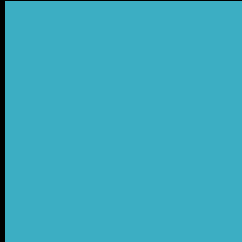
Large Text (above 18pt) WCAG AA × Fail

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 4282166979 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 4282166979 Background



This preview shows how black text looks on a background with the Android color 4282166979.



This preview shows how white text looks on a background with the Android color 4282166979.

# 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**

4282166979



**Protanomaly**

4286096572



**Deuteranomaly**

4286096326



**Tritanomaly**

4281970623

# Monochromacy



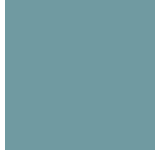
**Original Color**

4282166979



**Achromatopsia**

4287532686



**Achromatomaly**

4285569697

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282166979 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(60, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(60, 174, 195)  
}
```

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(60, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 174, 195) }
```

## Border

The CSS property to change the border of an element to Android 4282166979 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(60, 174, 195) }
```

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

```
.border{ border-color:rgb(60, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(60, 174,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4282166979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 174, 195) }
```

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

```
.background{ background-color: rgb(60, 174,  
195) }
```

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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