

# Converting Colors

Android(4278297046)

Have a look what the booklet for  
Android(4278297046) contains.

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# **Color**

**Android(4278297046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A1D6
RGB	1, 161, 214
RGB Percent	0%, 63%, 84%
CMY	0.9961, 0.3686, 0.1608
CMYK	1.00, 0.25, 0.00, 0.16
HSL	195°, 99%, 42%
HSV	195°, 100%, 84%
XYZ	24.8950, 30.3512, 68.1646
YIQ	119.2020, -112.3730, -17.4370

# Conversions

## Conversions Part 2

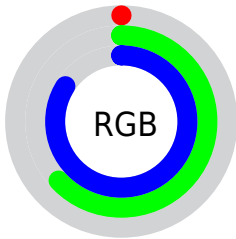
Format	Color
<a href="#">RYB</a>	1, 92, 214
Decimal	106966
CIELab	61.96, -16.11, -36.68
CIELCh	62, 40.065, 246.295
Yxy	30.3512, 0.2017, 0.2459
Android (android.graphics.Color)	4278297046 (0xFF01A1D6)
YUV	119.2020, 46.7354, -103.6632
Hunter-Lab	55.0920, -15.7502, -34.7944

# Details

The Android color **4278297046** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **4292228609**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4284995839**, and **4278218143** is the 20% darker color. If you saturate the color by 10%, you get **4278231510**, and if you desaturate by 10%, it is **4279674582**.

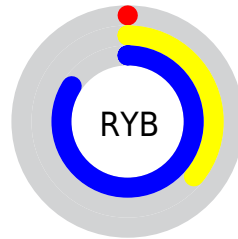
# Distribution



Red (0%)

Green (63%)

Blue (84%)



Red (0%)

Yellow (36%)

Blue (84%)

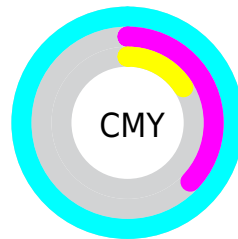


Cyan (100%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (37%)

















Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278297046 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 4278297046 by changing the saturation by 10% instead.



 4278297046	 4278297046
4294967295	 4278224826
 4284995839	 4278218143
 4287100159	 4278211973
 4289200127	 4278206059
 4291231743	 4278200403
 4293263359	 4278194491
	 4278190629
	 4278190349
	 4278190080

■ 4278297046

■ 4278297046

■ 4278231510

■ 4279674582

■ 4281117910

■ 4282495446

■ 4283938518

■ 4285316310

■ 4286693846

■ 4288136918

■ 4289514710

■ 4290957782

# Harmonies

## Analogous

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



4278233023



4278297046



4285241308

# Triad

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



4278297046



4292442511



4286554203

# Complementary

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



4278297046



4292228609

# 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.



4289041998



4278297046



4292247149

# Square

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



4278297046



4291329715



4291005013



4283541112

# Rectangle

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



4278297046



4287794901



4291005013



4287405396

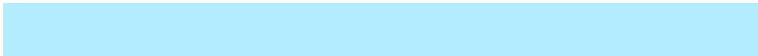


# Sweetspot

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



4278297046



4289981695



4278310451



4283593856



4278190080



4286611584

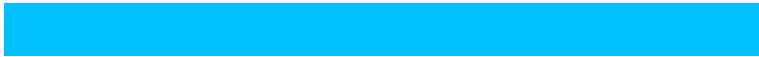


# Same Dimension

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



4278297046



4278239487



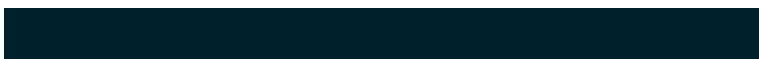
4278270678



4284508267



4278223019



4278198571



# Inverse Universe

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



4292215201



4294901952



4292254977



4285227112



4289396864



4281008161



# Previews

## White Background



This preview shows how the Android color 4278297046 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 4278297046 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 4278297046 Background



This preview shows how black text looks on a background with the Android color 4278297046.



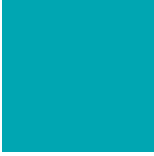
This preview shows how white text looks on a background with the Android color 4278297046.

# 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**

4278297046



**Protanomaly**

4283734223



**Deuteranomaly**

4283275736



**Tritanomaly**

4278232255

# Monochromacy



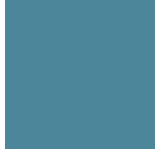
**Original Color**

4278297046



**Achromatopsia**

4286019447



**Achromatomaly**

4283205274

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278297046 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(1, 161, 214)` looks like.

```
.text, #text, p{  
    color:rgb(1, 161, 214)  
}
```

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(1, 161, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 161, 214) }
```

## Border

The CSS property to change the border of an element to Android 4278297046 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(1, 161, 214) }
```

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

```
.border{ border-color:rgb(1, 161, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 161, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 161, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 161, 214);  
box-shadow:4px 4px 4px 4px rgb(1, 161,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4278297046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 161, 214) }
```

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

```
.background{ background-color: rgb(1, 161,  
214) }
```

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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