

# Converting Colors

Android(4278230730)

Have a look what the booklet for  
Android(4278230730) contains.

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# Color

**Android(4278230730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009ECA
RGB	0, 158, 202
RGB Percent	0%, 62%, 79%
CMY	1.0000, 0.3804, 0.2078
CMYK	1.00, 0.22, 0.00, 0.21
HSL	193°, 100%, 40%
HSV	193°, 100%, 79%
XYZ	22.8875, 28.7180, 60.2139
YIQ	115.7740, -108.2920, -19.8120

# Conversions

## Conversions Part 2

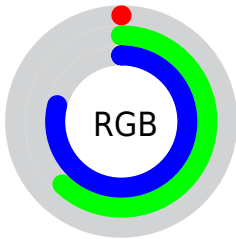
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 202
Decimal	40650
CIELab	60.53, -18.81, -32.21
CIELCh	61, 37.301, 239.717
Yxy	28.7180, 0.2047, 0.2568
Android (android.graphics.Color)	4278230730 (0xFF009ECA)
YUV	115.7740, 42.5094, -101.5338
Hunter-Lab	53.5892, -17.5450, -29.1071

# Details

The Android color `4278230730` 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 `4291439616`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4284798463`, and `4278217620` is the 20% darker color. If you saturate the color by 10%, you get `4278230730`, and if you desaturate by 10%, it is `4279542474`.

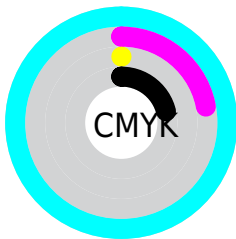
# Distribution



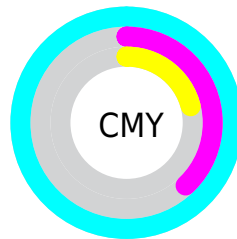
- Red (0%)
- Green (62%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (38%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230730 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 4278230730 by changing the saturation by 10% instead.



 4278230730

 4278230730

4294967295

 4278224046

 4284798463

 4278217620

 4286902783

 4278211194

 4288937983

 4278205281

 4290969599

 4278199625

 4292935679

 4278192178

 4278190620

 4278190080

 4278230730

■ 4279542474

■ 4280854474

■ 4282231754

■ 4283543754

■ 4284855498

■ 4286167242

■ 4287479242

■ 4288856522

■ 4290168522

# Harmonies

## Analogous

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



4278231985



4278230730



4284388819

# Triad

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



4278230730



4291786900



4286945879

# Complementary

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



4278230730



4291439616

# 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.



4289171535



4278230730



4291853171

# Square

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



4278230730



4290477748



4290872410



4284326000

# Rectangle

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



4278230730



4286877392



4290872410



4287731539

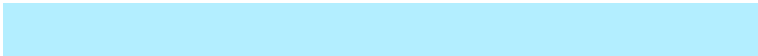


# Sweetspot

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



4278230730



4289982207



4278241836



4283594368



4278190080



4286611584

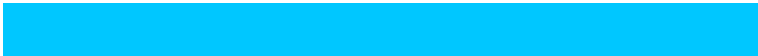


# Same Dimension

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



4278230730



4278241279



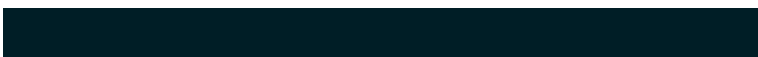
4278204874



4284245094



4278223526



4278197798



# Inverse Universe

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



4291428510



4294901959



4291465472



4284898404



4289069186



4280680478



# Previews

## White Background



This preview shows how the Android color 4278230730 looks on a white background.

## Color Contrast Check

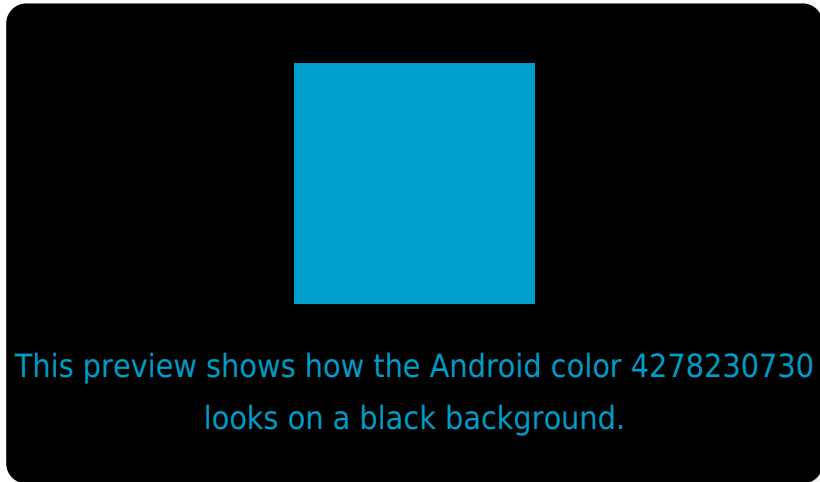
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4278230730 Background



This preview shows how black text looks on a background with the Android color 4278230730.



This preview shows how white text looks on a background with the Android color 4278230730.

# 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**

4278230730



**Protanomaly**

4283733187



**Deuteranomaly**

4283340236



**Tritanomaly**

4278231224

# Monochromacy



**Original Color**

4278230730



**Achromatopsia**

4285822068



**Achromatomaly**

4283073427

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230730 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(0, 158, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 202)  
}
```

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(0, 158, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 202) }
```

## Border

The CSS property to change the border of an element to Android 4278230730 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(0, 158, 202) }
```

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

```
.border{ border-color:rgb(0, 158, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4278230730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 202) }
```

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

```
.background{ background-color: rgb(0, 158,  
202) }
```

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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