

# Converting Colors

Android(4278230745)

Have a look what the booklet for  
Android(4278230745) contains.

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# Color

**Android(4278230745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009ED9
RGB	0, 158, 217
RGB Percent	0%, 62%, 85%
CMY	1.0000, 0.3804, 0.1490
CMYK	1.00, 0.27, 0.00, 0.15
HSL	196°, 100%, 43%
HSV	196°, 100%, 85%
XYZ	24.7512, 29.4635, 70.0281
YIQ	117.4840, -113.1070, -15.1470

# Conversions

## Conversions Part 2

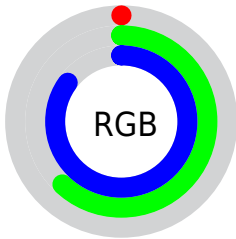
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 217
Decimal	40665
CIELab	61.19, -13.42, -39.55
CIELCh	61, 41.767, 251.264
Yxy	29.4635, 0.1992, 0.2371
Android (android.graphics.Color)	4278230745 (0xFF009ED9)
YUV	117.4840, 49.0614, -103.0335
Hunter-Lab	54.2803, -13.5963, -38.4951

# Details

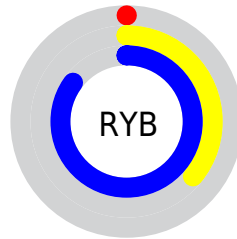
The Android color `4278230745` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4292426496`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284995071`, and `4278217634` is the 20% darker color. If you saturate the color by 10%, you get `4278230745`, and if you desaturate by 10%, it is `4279674073`.

# Distribution



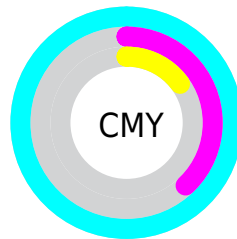
- Red (0%)
- Green (62%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230745 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 4278230745 by changing the saturation by 10% instead.



 4278230745

 4278230745

4294967295

 4278224061

 4284995071

 4278217634

 4287164927

 4278211463

 4289200127

 4278205550

 4291231743

 4278199893

 4293263359

 4278193725

 4278190887

 4278190352

 4278190080

■ 4278230745

■ 4279674073

■ 4281051865

■ 4282495193

■ 4283938521

■ 4285381593

■ 4286759385

■ 4288202713

■ 4289646041

■ 4291023833

# Harmonies

## Analogous

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



4278232515



4278230745



4285633500

# Triad

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



4278230745



4292507015



4285833306

# Complementary

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



4278230745



4292426496

# 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.



4288517705



4278230745



4292115813

# Square

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



4278230745



4291590572



4290677069



4282426747

# Rectangle

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



4278230745



4288252371



4290677069



4286815571

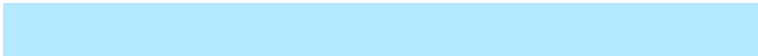


# Sweetspot

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



4278230745



4289981183



4278245690



4283593600



4278190080



4286611584

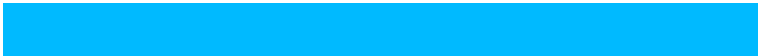


# Same Dimension

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



4278230745



4278237951



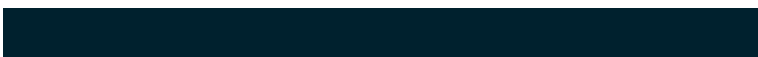
4278203353



4284705646



4278222509



4278198574



# Inverse Universe

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



4292411550



4294901946



4292453888



4285424491



4289527934



4281204769



# Previews

## White Background



This preview shows how the Android color 4278230745 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



This preview shows how the Android color 4278230745 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 × Fail

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



# Android 4278230745 Background



This preview shows how black text looks on a background with the Android color 4278230745.



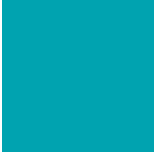
This preview shows how white text looks on a background with the Android color 4278230745.

# 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**

4278230745



**Protanomaly**

4283537106



**Deuteranomaly**

4283012827



**Tritanomaly**

4278231487

# Monochromacy



**Original Color**

4278230745



**Achromatopsia**

4285887861



**Achromatomaly**

4283073689

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230745 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 217) }
```

## Border

The CSS property to change the border of an element to Android 4278230745 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, 217) }
```

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

```
.border{ border-color:rgb(0, 158, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 158, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 158, 217); box-shadow:4px 4px 4px 4px rgb(0, 158, 217) }
```

# Background

The CSS property to change the background color of an element to Android 4278230745 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, 217) }
```

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

```
.background{ background-color: rgb(0, 158,  
217) }
```

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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