

# Converting Colors

Android(4278232538)

Have a look what the booklet for  
Android(4278232538) contains.

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# **Color**

**Android(4278232538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A5DA
RGB	0, 165, 218
RGB Percent	0%, 65%, 85%
CMY	1.0000, 0.3529, 0.1451
CMYK	1.00, 0.24, 0.00, 0.15
HSL	195°, 100%, 43%
HSV	195°, 100%, 85%
XYZ	26.1100, 31.9722, 71.1248
YIQ	121.7070, -115.3530, -18.4970

# Conversions

## Conversions Part 2

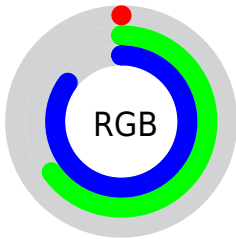
Format	Color
<a href="#">RYB</a>	0, 94, 218
Decimal	42458
CIELab	63.32, -16.86, -36.78
CIElCh	63, 40.457, 245.365
Yxy	31.9722, 0.2021, 0.2474
Android (android.graphics.Color)	4278232538 (0xFF00A5DA)
YUV	121.7070, 47.4724, -106.7370
Hunter-Lab	56.5440, -16.5270, -34.9981

# Details

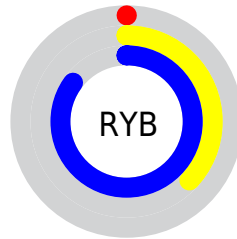
The Android color **4278232538** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **4292490496**, and the grayscale version is **4286151033**.

A 20% lighter version of the original color is **4285062399**, and **4278219171** is the 20% darker color. If you saturate the color by 10%, you get **4278232538**, and if you desaturate by 10%, it is **4279675610**.

# Distribution



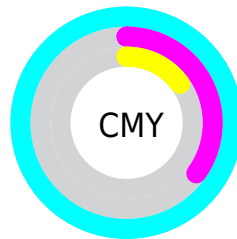
- Red (0%)
- Green (65%)
- Blue (85%)



- Red (0%)
- Yellow (37%)
- Blue (85%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278232538 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 4278232538 by changing the saturation by 10% instead.



 4278232538

 4278232538

4294967295

 4278225854

 4285062399

 4278219171

 4287232511

 4278213000

 4289265663

 4278206831

 4291297279

 4278201174

 4293328895

 4278196030

 4278190888

 4278190354

 4278190080

■ 4278232538

■ 4279675610

■ 4281118938

■ 4282496474

■ 4283939546

■ 4285382874

■ 4286825946

■ 4288269018

■ 4289646554

■ 4291089882

# Harmonies

## Analogous

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



4278234050



4278232538



4285307873

# Triad

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



4278232538



4292705428



4286817117

# Complementary

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



4278232538



4292490496

# 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.



4289370448



4278232538



4292575601

# Square

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



4278232538



4291527096



4291333464



4283804282

# Rectangle

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



4278232538



4287927002



4291333464



4287733846

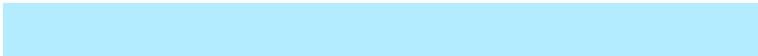


# Sweetspot

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



4278232538



4289981695



4278245939



4283593856



4278190080



4286611584

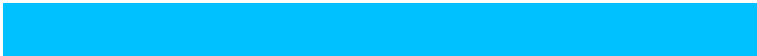


# Same Dimension

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



4278232538



4278239743



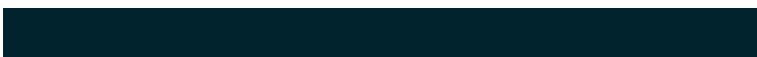
4278205146



4284705646



4278223789



4278199086



# Inverse Universe

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



4292477093



4294901953



4292517888



4285424491



4289527939



4281204771



# Previews

## White Background



This preview shows how the Android color 4278232538 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 4278232538 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 4278232538 Background



This preview shows how black text looks on a background with the Android color 4278232538.



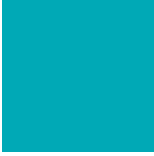
This preview shows how white text looks on a background with the Android color 4278232538.

# 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**

4278232538



**Protanomaly**

4283931603



**Deuteranomaly**

4283407580



**Tritanomaly**

4278233283

# Monochromacy



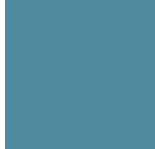
**Original Color**

4278232538



**Achromatopsia**

4286216826



**Achromatomaly**

4283337373

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278232538 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, 165, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 218)  
}
```

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, 165, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 218) }
```

## Border

The CSS property to change the border of an element to Android 4278232538 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, 165, 218) }
```

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

```
.border{ border-color:rgb(0, 165, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4278232538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 218) }
```

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

```
.background{ background-color: rgb(0, 165,  
218) }
```

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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