

# Converting Colors

Android(4278424255)

Have a look what the booklet for  
Android(4278424255) contains.

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# Color

**Android(4278424255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0392BF
RGB	3, 146, 191
RGB Percent	1%, 57%, 75%
CMY	0.9882, 0.4275, 0.2510
CMYK	0.98, 0.24, 0.00, 0.25
HSL	194°, 97%, 38%
HSV	194°, 98%, 75%
XYZ	19.7204, 24.3387, 52.9487
YIQ	108.3730, -99.6730, -16.3210

# Conversions

## Conversions Part 2

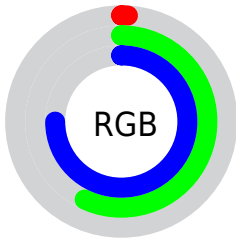
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 84, 191
Decimal	234175
CIELab	56.43, -16.18, -32.40
CIELCh	56, 36.217, 243.473
Yxy	24.3387, 0.2033, 0.2509
Android (android.graphics.Color)	4278424255 (0xFF0392BF)
YUV	108.3730, 40.7351, -92.4121
Hunter-Lab	49.3343, -14.9831, -29.0998

# Details

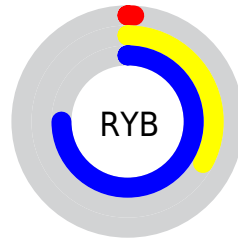
The Android color `4278424255` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290719747`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284598520`, and `4278214537` is the 20% darker color. If you saturate the color by 10%, you get `4278227391`, and if you desaturate by 10%, it is `4279670719`.

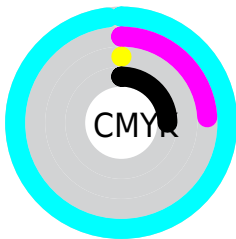
# Distribution



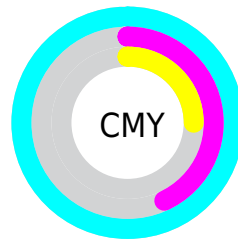
- Red (1%)
- Green (57%)
- Blue (75%)



- Red (1%)
- Yellow (33%)
- Blue (75%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (99%)
- Magenta (43%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278424255 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 4278424255 by changing the saturation by 10% instead.





4278424255



4278424255

4294967295



4278220964



4284598520



4278214537



4286702847



4278208624



4288675839



4278202711



4290641919



4278197823



4292673535



4278190889



4294639615



4278190355



4278190080



4278424255



4278424255

■ 4278227391

■ 4279670719

■ 4280916927

■ 4282163391

■ 4283409599

■ 4284656063

■ 4285967807

■ 4287214271

■ 4288460735

■ 4289706943

# Harmonies

## Analogous

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



4278228905



4278424255



4284254662

# Triad

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



4278424255



4290932357



4286025809

# Complementary

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



4278424255



4290719747

# 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.



4288186183



4278424255



4290933350

# Square

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



4278424255



4289885092



4289887311



4283405674

# Rectangle

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



4278424255



4286612161



4289887311



4286745932



# Sweetspot

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



4278424255



4289586935



4278435631



4283462269



4294769916



4286414205



# Same Dimension

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



4278424255



4278238455



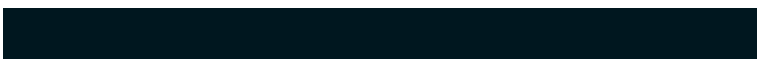
4278400447



4283784286



4278220958



4278195999



# Inverse Universe

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



4290708370



4294377660



4290743555



4284372316



4288544888



4280221719



# Previews

## White Background



This preview shows how the Android color 4278424255 looks on a white background.

## Color Contrast Check

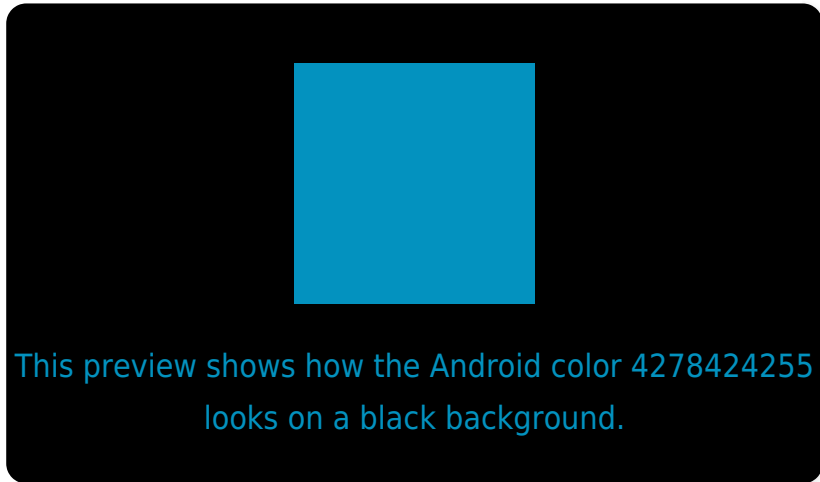
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278424255 Background



This preview shows how black text looks on a background with the Android color 4278424255.



This preview shows how white text looks on a background with the Android color 4278424255.

# 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**  
4278424255

**Protanomaly**  
4283337401

**Deuteranomaly**  
4282944193

# Monochromacy



**Original Color**  
4278424255

**Achromatopsia**  
4285295724

**Achromatomaly**  
4282808970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278424255 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(3, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(3, 146, 191)  
}
```

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(3, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 146, 191) }
```

## Border

The CSS property to change the border of an element to Android 4278424255 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(3, 146, 191) }
```

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

```
.border{ border-color:rgb(3, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(3, 146,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4278424255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 146, 191) }
```

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

```
.background{ background-color: rgb(3, 146,  
191) }
```

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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