

# Converting Colors

Android(4278223554)

Have a look what the booklet for  
Android(4278223554) contains.

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# Color

**Android(4278223554)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0082C2
RGB	0, 130, 194
RGB Percent	0%, 51%, 76%
CMY	1.0000, 0.4902, 0.2392
CMYK	1.00, 0.33, 0.00, 0.24
HSL	200°, 100%, 38%
HSV	200°, 100%, 76%
XYZ	17.7202, 19.8603, 53.9384
YIQ	98.4260, -98.0240, -7.6560

# Conversions

## Conversions Part 2

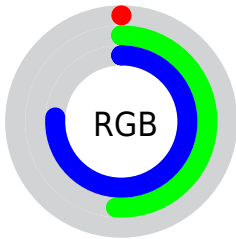
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 194
Decimal	33474
CIELab	51.68, -6.08, -41.56
CIELCh	52, 42.005, 261.673
Yxy	19.8603, 0.1936, 0.2170
Android (android.graphics.Color)	4278223554 (0xFF0082C2)
YUV	98.4260, 47.1180, -86.3196
Hunter-Lab	44.5649, -7.0120, -40.5653

# Details

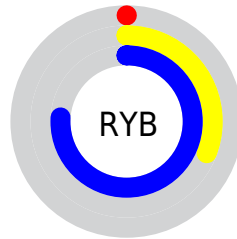
The Android color `4278223554` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4290920448`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284528635`, and `4278210956` is the 20% darker color. If you saturate the color by 10%, you get `4278223554`, and if you desaturate by 10%, it is `4279470274`.

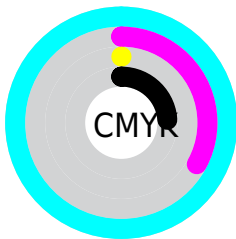
# Distribution



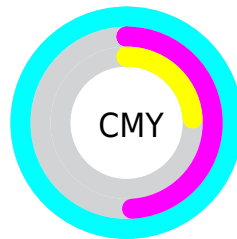
- Red (0%)
- Green (51%)
- Blue (76%)



- Red (0%)
- Yellow (31%)
- Blue (76%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278223554 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 4278223554 by changing the saturation by 10% instead.



 4278223554

 4278223554

4294967295

 4278217127

 4284528635

 4278210956

 4286632703

 4278205042

 4288605951

 4278199641

 4290576383

 4278194241

 4292607999

 4278190891

 4294574079

 4278190357

 4278190080

 4278223554

■ 4279470274

■ 4280782786

■ 4282029506

■ 4283342018

■ 4284588738

■ 4285835458

■ 4287147970

■ 4288394690

■ 4289707202

# Harmonies

## Analogous

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



4278225587



4278223554



4285363902

# Triad

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



4278223554



4290666083



4283140429

# Complementary

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



4278223554



4290920448

# 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.



4285956405



4278223554



4289882180

# Square

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



4278223554



4290272647



4288247346



4278226288

# Rectangle

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



4278223554



4287655089



4288247346



4284188483

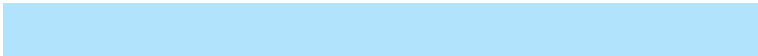


# Sweetspot

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



4278223554



4289848316



4278239805



4283592832



4278190080



4286611584

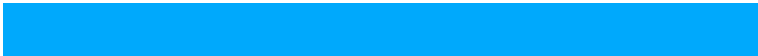


# Same Dimension

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



4278223554



4278233596



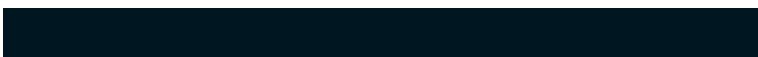
4278199490



4283915873



4278217889



4278195745



# Inverse Universe

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



4290904194



4294705321



4290944512



4284569438



4288741484



4280352790



# Previews

## White Background



This preview shows how the Android color 4278223554 looks on a white background.

## Color Contrast Check

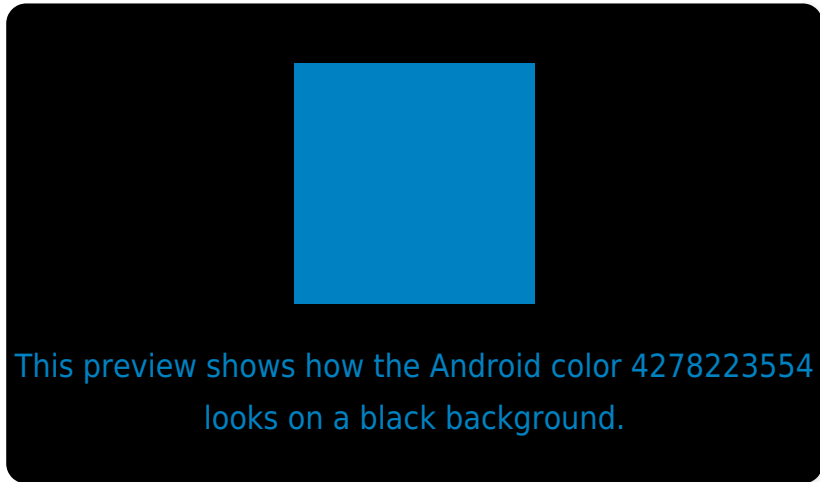
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278223554 Background



This preview shows how black text looks on a background with the Android color 4278223554.



This preview shows how white text looks on a background with the Android color 4278223554.

# 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**  
4278223554

**Protanomaly**  
4282416317

**Deuteranomaly**  
4281630403

**Tritanomaly**  
4278224547

# Monochromacy



**Original Color**  
4278223554

**Achromatopsia**  
4284637794

**Achromatomaly**  
4282281605

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278223554 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, 130, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 194)  
}
```

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, 130, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 194) }
```

## Border

The CSS property to change the border of an element to Android 4278223554 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, 130, 194) }
```

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

```
.border{ border-color:rgb(0, 130, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 130, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4278223554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 194) }
```

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

```
.background{ background-color: rgb(0, 130,  
194) }
```

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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