

# Converting Colors

Android(4278807455)

Have a look what the booklet for  
Android(4278807455) contains.

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# Color

**Android(4278807455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	096B9F
RGB	9, 107, 159
RGB Percent	4%, 42%, 62%
CMY	0.9647, 0.5804, 0.3765
CMYK	0.94, 0.33, 0.00, 0.38
HSL	201°, 89%, 33%
HSV	201°, 94%, 62%
XYZ	11.6284, 13.0767, 34.7121
YIQ	83.6260, -75.1000, -4.6040

# Conversions

## Conversions Part 2

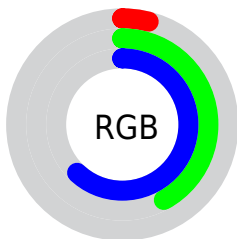
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 68, 159
Decimal	617375
CIELab	42.88, -5.57, -35.11
CIELCh	43, 35.551, 260.985
Yxy	13.0767, 0.1957, 0.2201
Android (android.graphics.Color)	4278807455 (0xFF096B9F)
YUV	83.6260, 37.1594, -65.4470
Hunter-Lab	36.1617, -5.8834, -31.6001

# Details

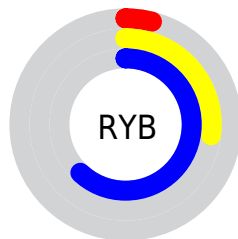
The Android color `4278807455` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288625929`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283997910`, and `4278205547` is the 20% darker color. If you saturate the color by 10%, you get `4278216863`, and if you desaturate by 10%, it is `4279857567`.

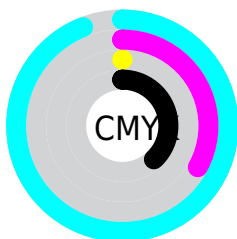
# Distribution



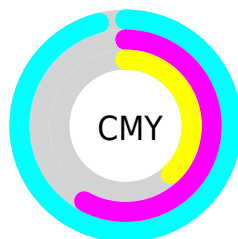
- Red (4%)
- Green (42%)
- Blue (62%)



- Red (4%)
- Yellow (27%)
- Blue (62%)



- Cyan (94%)
- Magenta (33%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (58%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278807455 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 4278807455 by changing the saturation by 10% instead.





4278807455



4278807455

4294967295



4278211461



4283997910



4278205547



4285970931



4278200147



4287878655



4278194747



4289786367



4278190629



4291756031



4278190349



4293656575



4278190080



4278807455



4278807455



4278216863



4279857567

■ 4280907423

■ 4281957535

■ 4283007391

■ 4284057503

■ 4285041823

■ 4286091935

■ 4287141791

■ 4288191903

# Harmonies

## Analogous

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



4278219154



4278807455



4284047772

# Triad

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



4278807455



4288433490



4282347583

# Complementary

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



4278807455



4288625929

# 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.



4284639788



4278807455



4287845945

# Square

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



4278807455



4288105839



4286472490



4278219867

# Rectangle

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



4278807455



4285946258



4286472490



4283199287



# Sweetspot

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



4278807455



4288003023



4278820667



4282735721



4293454056



4285098345



# Same Dimension

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



4278807455



4278224847



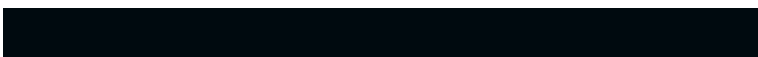
4278788767



4282862671



4278214031



4278192655



# Inverse Universe

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



4288612715



4291756167



4288644617



4283385676



4287561821



4279173130



# Previews

## White Background



This preview shows how the Android color 4278807455 looks on a white background.

## Color Contrast Check

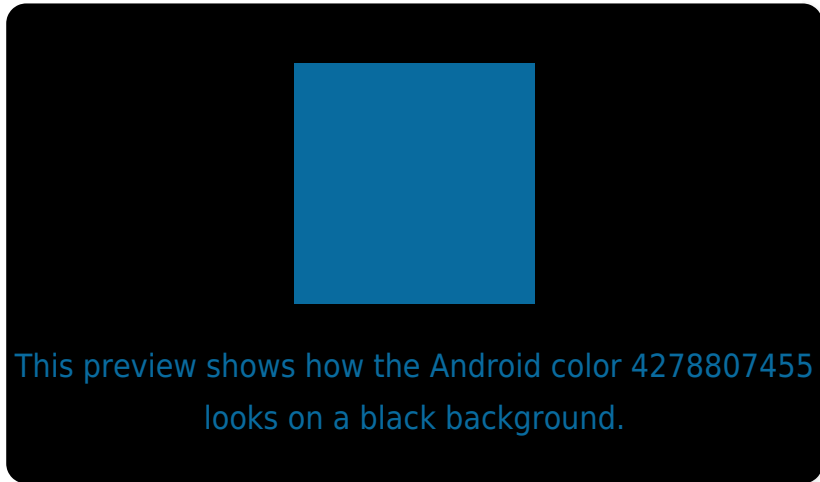
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4278807455 Background



This preview shows how black text looks on a background with the Android color 4278807455.



This preview shows how white text looks on a background with the Android color 4278807455.

# 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**  
4278807455

**Protanomaly**  
4281820827

**Deuteranomaly**  
4281231264

**Tritanomaly**  
4278414982

# Monochromacy



**Original Color**  
4278807455

**Achromatopsia**  
4283716692

**Achromatomaly**  
4281949295

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278807455 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(9, 107, 159)` looks like.

```
.text, #text, p{  
    color:rgb(9, 107, 159)  
}
```

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(9, 107, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 107, 159) }
```

## Border

The CSS property to change the border of an element to Android 4278807455 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(9, 107, 159) }
```

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

```
.border{ border-color:rgb(9, 107, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 107, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 107, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 107, 159);  
box-shadow:4px 4px 4px 4px rgb(9, 107,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4278807455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 107, 159) }
```

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

```
.background{ background-color: rgb(9, 107,  
159) }
```

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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