

# Converting Colors

Android(4288654573)

Have a look what the booklet for  
Android(4288654573) contains.

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# **Color**

**Android(4288654573)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FACED
RGB	159, 172, 237
RGB Percent	62%, 67%, 93%
CMY	0.3765, 0.3255, 0.0706
CMYK	0.33, 0.27, 0.00, 0.07
HSL	230°, 68%, 78%
HSV	230°, 33%, 93%
XYZ	44.3367, 42.9904, 86.0819
YIQ	175.5230, -28.6130, 17.4590

# Conversions

## Conversions Part 2

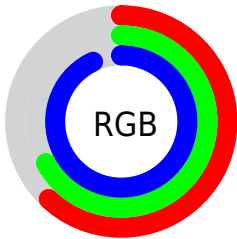
Format	Color
R <sub>Y</sub> B	159, 170, 237
Decimal	10464493
CIE Lab	71.55, 10.41, -33.99
CIE LCh	72, 35.546, 287.029
Yxy	42.9904, 0.2557, 0.2479
Android (android.graphics.Color)	4288654573 (0xFF9FACED)
YUV	175.5230, 30.3082, -14.4907
Hunter-Lab	65.5671, 5.9599, -31.9439

# Details

The Android color `4288654573` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4293779615`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4292338687`, and `4285102261` is the 20% darker color. If you saturate the color by 10%, you get `4287076589`, and if you desaturate by 10%, it is `4290232557`.

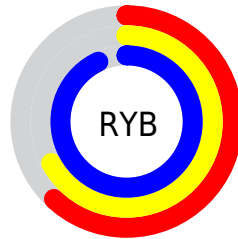
# Distribution



Red (62%)

Green (67%)

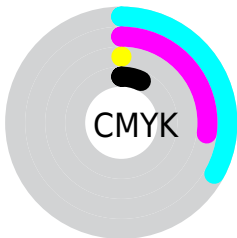
Blue (93%)



Red (62%)

Yellow (67%)

Blue (93%)

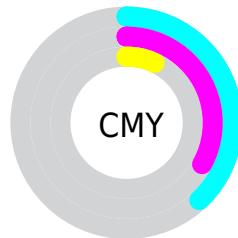


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (33%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288654573 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 4288654573 by changing the saturation by 10% instead.



 4288654573

 4288654573

4294967295

 4286878417

 4292338687

 4285102261

 4294246399

 4283391898

 4281616512

 4279710310

 4278197582

 4278190647

 4278190625

 4278190085

■ 4288654573

■ 4288654573

■ 4287076589

■ 4290232557

■ 4285564397

■ 4291744749

■ 4283986413

■ 4293322733

■ 4282408429

■ 4294900717

■ 4280830445

■ 4294967277

■ 4279318253

■ 4278200557

# Harmonies

## Analogous

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



4285249518



4288654573



4291469532

# Triad

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



4288654573



4293369473



4284924064

# Complementary

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



4288654573



4293779615

# 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.



4287544194



4288654573



4291995760

# Square

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



4288654573



4293891998



4289966960



4282433985

# Rectangle

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



4288654573



4292844233



4289966960



4285775765



# Sweetspot

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



4288654573



4293323519



4288671200



4285559680



4278190080



4286611584



# Same Dimension

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



4288654573



4288457983



4290355181



4285164661



4278197941



4278192438



# Inverse Universe

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



4293762988



4294941868



4292079007



4285885036



4290052126



4281729033



# Previews

## White Background



This preview shows how the Android color 4288654573 looks on a white background.

## Color Contrast Check

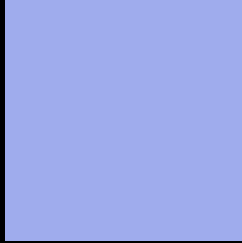
Large Text (above 18pt) WCAG AA × Fail

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 4288654573 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

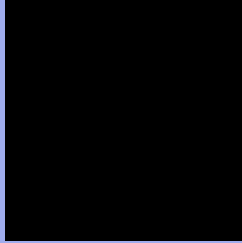
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4288654573 Background



This preview shows how black text looks on a background with the Android color 4288654573.



This preview shows how white text looks on a background with the Android color 4288654573.

# 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



**Original Color**  
4288654573

**Protanopia**  
4288458222

**Deuteranopia**  
4288523757



# Trichromacy



**Original Color**  
4288654573

**Protanomaly**  
4288523758

**Deuteranomaly**  
4288589293

**Tritanomaly**  
4288262610

# Monochromacy



**Original Color**  
4288654573

**Achromatopsia**  
4289769648

**Achromatomaly**  
4289376198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288654573 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(159, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 237)  
}
```

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(159, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 237) }
```

## Border

The CSS property to change the border of an element to Android 4288654573 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(159, 172, 237) }
```

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

```
.border{ border-color:rgb(159, 172, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4288654573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 237) }
```

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

```
.background{ background-color: rgb(159,  
172, 237) }
```

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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