

# Converting Colors

Android(4283978087)

Have a look what the booklet for  
Android(4283978087) contains.

<b>Android(4283978087)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4283978087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	585167
RGB	88, 81, 103
RGB Percent	35%, 32%, 40%
CMY	0.6549, 0.6824, 0.5961
CMYK	0.15, 0.21, 0.00, 0.60
HSL	259°, 12%, 36%
HSV	259°, 21%, 40%
XYZ	9.4151, 8.9388, 14.0611
YIQ	85.6010, -2.8900, 8.3260

# Conversions

## Conversions Part 2

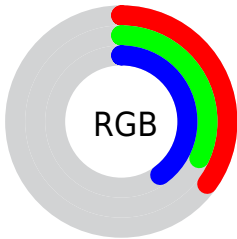
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 81, 103
Decimal	5788007
CIE <sub>Lab</sub>	35.87, 7.79, -11.67
CIE <sub>LCh</sub>	36, 14.027, 303.718
Yxy	8.9388, 0.2905, 0.2758
Android (android.graphics.Color)	4283978087 (0xFF585167)
YUV	85.6010, 8.5777, 2.1039
Hunter-Lab	29.8979, 3.8899, -6.9558




# Details

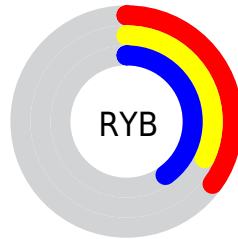
The Android color `4283978087` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4284507985`, and the grayscale version is `4283848278`.




A 20% lighter version of the original color is `4287267482`, and `4280951864` is the 20% darker color. If you saturate the color by 10%, you get `4283516775`, and if you desaturate by 10%, it is `4284439399`.

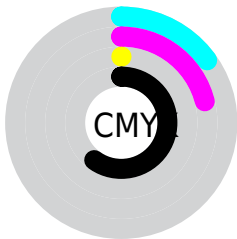
# Distribution







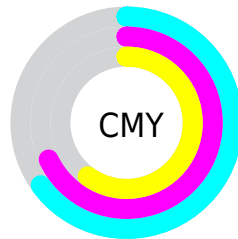
-  Red (35%)
-  Green (32%)
-  Blue (40%)






-  Red (35%)
-  Yellow (32%)
-  Blue (40%)



-  Cyan (15%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (65%)
-  Magenta (68%)
-  Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283978087 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 4283978087 by changing the saturation by 10% instead.





4283978087



4283978087

4294967295



4282464847



4287267482



4280951864



4288978101



4279636003



4290820048



4278190091



4292596717



4278190080



4294504447



4283978087



4283978087



4283516775



4284439399



4283055207



4284900967

■ 4282593895

■ 4285362279

■ 4282132583

■ 4285823591

■ 4281671015

■ 4286284903

■ 4281209703

■ 4286746471

■ 4280748391

■ 4287207783

■ 4280352871

■ 4287669095

■ 4288130663

# Harmonies

## Analogous

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



4282996075



4283978087



4284763742

# Triad

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



4283978087



4284829761



4281883477

# Complementary

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



4283978087



4284507985

# 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.



4282538570



4283978087



4284175422

# Square

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



4283978087



4285222216



4283389761



4281621088

# Rectangle

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



4283978087



4285090903



4283389761



4282080082



# Sweetspot

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



4283978087



4286742407



4283523175



4282531909



4291085508



4282729797



# Same Dimension

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



4283978087



4285490311



4284698983



4281347635



4280615027



4283236594



# Inverse Universe

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



4284961120



4287063164



4283787089



4281544241



4285726798



4294049957



# Previews

## White Background



This preview shows how the Android color 4283978087 looks on a white background.

## Color Contrast Check

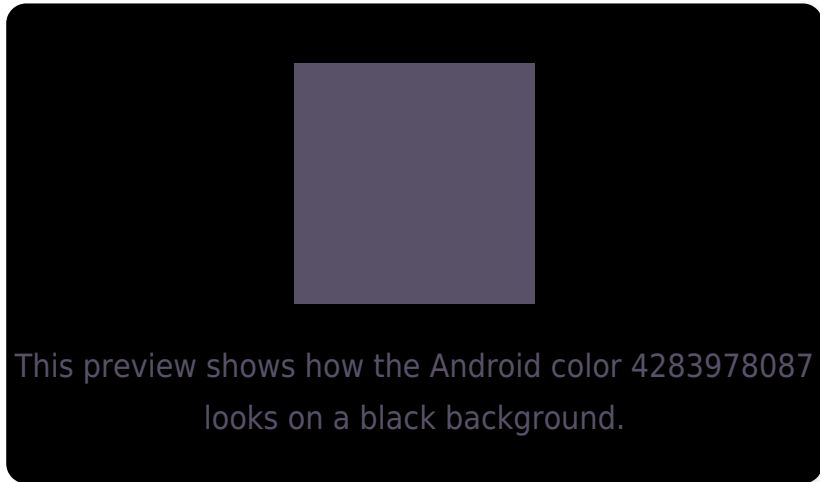
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

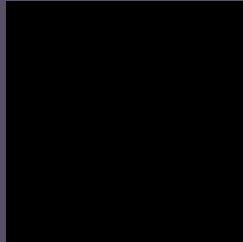
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283978087 Background



This preview shows how black text looks on a background with the Android color 4283978087.



This preview shows how white text looks on a background with the Android color 4283978087.

# 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**  
4283978087

**Protanopia**  
4283389033

**Deuteranopia**  
4283650919



**Tritanopia**  
4283847514

# Trichromacy



**Original Color**

4283978087

**Protanomaly**

4283585384

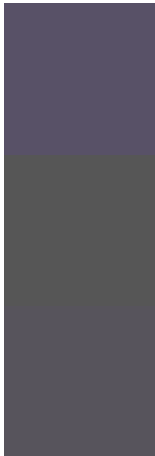
**Deuteranomaly**

4283781735

**Tritanomaly**

4283912799

# Monochromacy



**Original Color**

4283978087

**Achromatopsia**

4283848278

**Achromatomaly**

4283913308

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283978087 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(88, 81, 103)` looks like.

```
.text, #text, p{  
    color:rgb(88, 81, 103)  
}
```

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(88, 81, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 81, 103) }
```

## Border

The CSS property to change the border of an element to Android 4283978087 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(88, 81, 103) }
```

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

```
.border{ border-color:rgb(88, 81, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 81, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 81, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 81, 103);  
box-shadow:4px 4px 4px 4px rgb(88, 81,  
103) }
```

# Background

The CSS property to change the background color of an element to Android 4283978087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 81, 103) }
```

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

```
.background{ background-color: rgb(88, 81,  
103) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor