

# Converting Colors

Android(4287079876)

Have a look what the booklet for  
Android(4287079876) contains.

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# **Color**

**Android(4287079876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87A5C4
RGB	135, 165, 196
RGB Percent	53%, 65%, 77%
CMY	0.4706, 0.3529, 0.2314
CMYK	0.31, 0.16, 0.00, 0.23
HSL	210°, 34%, 65%
HSV	210°, 31%, 77%
XYZ	33.4106, 36.0467, 57.4213
YIQ	159.5640, -27.8310, 3.2810

# Conversions

## Conversions Part 2

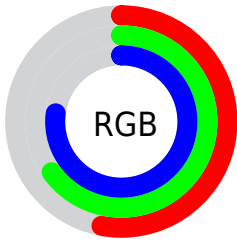
Format	Color
<a href="#">RYB</a>	<a href="#">135, 155, 196</a>
Decimal	<a href="#">8889796</a>
CIELab	<a href="#">66.56, -2.97, -19.25</a>
CIElCh	<a href="#">67, 19.476, 261.229</a>
Yxy	<a href="#">36.0467, 0.2633, 0.2841</a>
Android (android.graphics.Color)	<a href="#">4287079876 (0xFF87A5C4)</a>
YUV	<a href="#">159.5640, 17.9629, -21.5426</a>
Hunter-Lab	<a href="#">60.0389, -5.7359, -14.6779</a>

# Details

The Android color `4287079876` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291077767`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4290698493`, and `4283658638` is the 20% darker color. If you saturate the color by 10%, you get `4285766596`, and if you desaturate by 10%, it is `4288393156`.

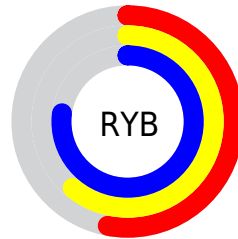
# Distribution



Red (53%)

Green (65%)

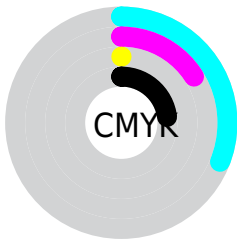
Blue (77%)



Red (53%)

Yellow (61%)

Blue (77%)

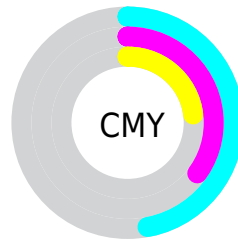


Cyan (31%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (35%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287079876 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 4287079876 by changing the saturation by 10% instead.





4287079876



4287079876

4294967295



4285369257



4290698493



4283658638



4292540671



4282014069



4294443007



4280369756



4278398020



4278196014



4278190361



4278190080



4287079876



4287079876

■ 4285766596

■ 4288393156

■ 4284518852

■ 4289640900

■ 4283205572

■ 4290954180

■ 4281957828

■ 4292201924

■ 4280644548

■ 4293515204

■ 4279331268

■ 4294828484

■ 4278214852

■ 4294962116

■ 4294964676

■ 4294967236

# Harmonies

## Analogous

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



4285966781



4287079876



4288585666

# Triad

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



4287079876



4291204758



4287539596

# Complementary

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



4287079876



4291077767

# 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.



4288849281



4287079876



4290877831

# Square

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



4287079876



4290942632



4290027392



4286360732

# Rectangle

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



4287079876



4289567676



4290027392



4287998087



# Sweetspot

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



4287079876



4293456895



4287087782



4285626496



4278190080



4286611584

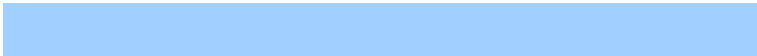


# Same Dimension

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



4287079876



4288794623



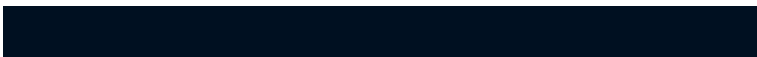
4287072196



4283915361



4278210465



4278194209



# Inverse Universe

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



4291069861



4294943183



4291085447



4284569436



4288741455

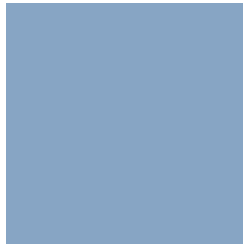


4280352784



# Previews

## White Background



This preview shows how the Android color 4287079876 looks on a white background.

## Color Contrast Check

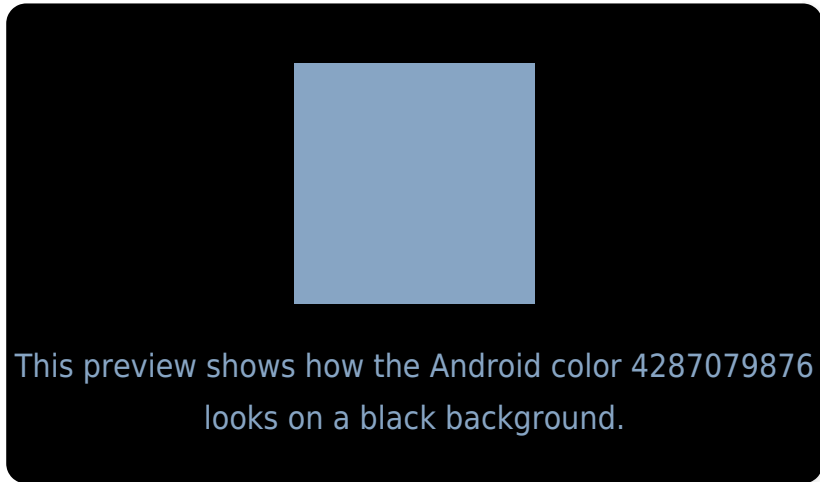
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

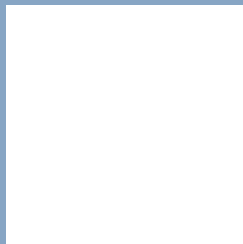
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287079876 Background



This preview shows how black text looks on a background with the Android color 4287079876.



This preview shows how white text looks on a background with the Android color 4287079876.

# 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**  
4287079876

**Protanomaly**  
4287931074

**Deuteranomaly**  
4288061893

**Tritanomaly**  
4286949306

# Monochromacy



**Original Color**  
4287079876

**Achromatopsia**  
4288716960

**Achromatomaly**  
4288127661

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287079876 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(135, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(135, 165, 196)  
}
```

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(135, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 165, 196) }
```

## Border

The CSS property to change the border of an element to Android 4287079876 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(135, 165, 196) }
```

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

```
.border{ border-color:rgb(135, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(135, 165,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4287079876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 165, 196) }
```

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

```
.background{ background-color: rgb(135,  
165, 196) }
```

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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