

# Converting Colors

Android(4287937255)

Have a look what the booklet for  
Android(4287937255) contains.

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# **Color**

**Android(4287937255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BAE7
RGB	148, 186, 231
RGB Percent	58%, 73%, 91%
CMY	0.4196, 0.2706, 0.0941
CMYK	0.36, 0.19, 0.00, 0.09
HSL	213°, 63%, 74%
HSV	213°, 36%, 91%
XYZ	44.1955, 47.1832, 82.3792
YIQ	179.7680, -37.0930, 5.9390

# Conversions

## Conversions Part 2

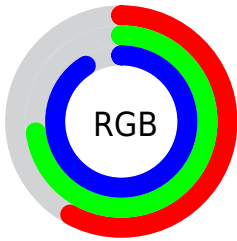
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 174, 231
Decimal	9747175
CIE <sub>Lab</sub>	74.31, -1.89, -26.54
CIE <sub>LCh</sub>	74, 26.608, 265.922
Yxy	47.1832, 0.2544, 0.2715
Android (android.graphics.Color)	4287937255 (0xFF94BAE7)
YUV	179.7680, 25.2574, -27.8605
Hunter-Lab	68.6901, -5.3600, -23.0228

# Details

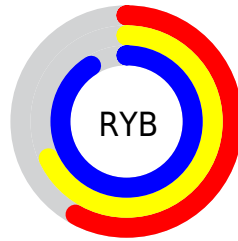
The Android color `4287937255` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293378452`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4291621631`, and `4284384687` is the 20% darker color. If you saturate the color by 10%, you get `4286426599`, and if you desaturate by 10%, it is `4289447911`.

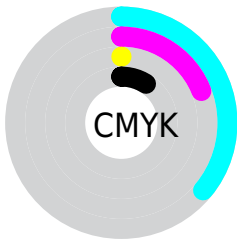
# Distribution



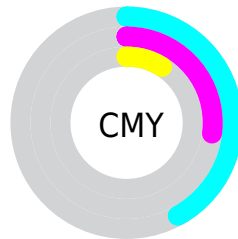
- Red (58%)
- Green (73%)
- Blue (91%)



- Red (58%)
- Yellow (68%)
- Blue (91%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287937255 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 4287937255 by changing the saturation by 10% instead.





4287937255



4287937255

4294967295



4286160843



4291621631



4284384687



4293525503



4282608789



4280767611



4278271330



4278200138



4278194995



4278190621



4278190080

■ 4287937255

■ 4287937255

■ 4286426599

■ 4289447911

■ 4284916199

■ 4290958311

■ 4283405543

■ 4292468967

■ 4281895143

■ 4293979367

■ 4280384487

■ 4294965735

■ 4278808551

■ 4294967271

■ 4278217447

# Harmonies

## Analogous

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



4286104030



4287937255



4290163427

# Triad

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



4287937255



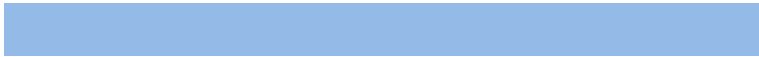
4293437091



4288070043

# Complementary

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



4287937255



4293378452

# 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.



4289903754



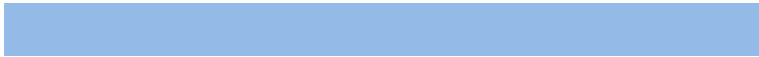
4287937255



4292848783

# Square

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



4287937255



4293240251



4291605638



4286432434

# Rectangle

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



4287937255



4291538137



4291605638



4288659604

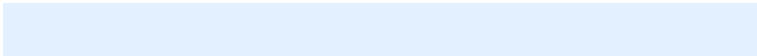


# Sweetspot

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



4287937255



4293128447



4287948736



4285495168



4278190080



4286611584

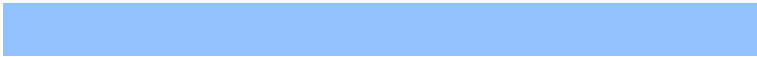


# Same Dimension

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



4287937255



4287743231



4288124135



4284968307



4278211251



4278196019



# Inverse Universe

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



4293366970



4294939076



4293191572



4285753197



4289921106

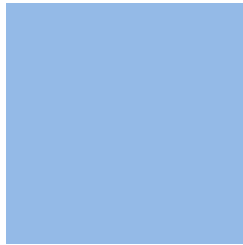


4281532439



# Previews

## White Background



This preview shows how the Android color 4287937255 looks on a white background.

## Color Contrast Check

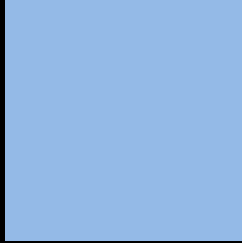
Large Text (above 18pt) WCAG AA × Fail

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 4287937255 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

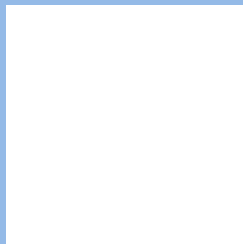
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287937255 Background



This preview shows how black text looks on a background with the Android color 4287937255.



This preview shows how white text looks on a background with the Android color 4287937255.

# 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**  
4287937255

**Protanomaly**  
4288919268

**Deuteranomaly**  
4289050344

**Tritanomaly**  
4287675863

# Monochromacy



**Original Color**  
4287937255

**Achromatopsia**  
4290032820

**Achromatomaly**  
4289246919

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287937255 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(148, 186, 231)` looks like.

```
.text, #text, p{  
    color:rgb(148, 186, 231)  
}
```

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(148, 186, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 186, 231) }
```

## Border

The CSS property to change the border of an element to Android 4287937255 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(148, 186, 231) }
```

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

```
.border{ border-color:rgb(148, 186, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 186, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 186, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 186, 231);  
box-shadow:4px 4px 4px 4px rgb(148, 186,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4287937255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 186, 231) }
```

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

```
.background{ background-color: rgb(148,  
186, 231) }
```

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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