

# Converting Colors

Android(4287015407)

Have a look what the booklet for  
Android(4287015407) contains.

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# **Color**

**Android(4287015407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A9EF
RGB	134, 169, 239
RGB Percent	53%, 66%, 94%
CMY	0.4745, 0.3373, 0.0627
CMYK	0.44, 0.29, 0.00, 0.06
HSL	220°, 77%, 73%
HSV	220°, 44%, 94%
XYZ	39.5995, 39.6763, 87.2325
YIQ	166.5150, -43.3300, 14.3500

# Conversions

## Conversions Part 2

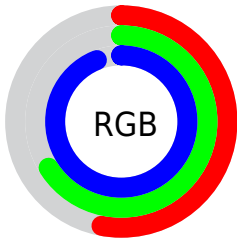
Format	Color
<a href="#">RYB</a>	<a href="#">134, 160, 239</a>
Decimal	<a href="#">8825327</a>
CIELab	<a href="#">69.24, 6.03, -38.79</a>
CIELCh	<a href="#">69, 39.257, 278.840</a>
Yxy	<a href="#">39.6763, 0.2378, 0.2383</a>
Android (android.graphics.Color)	<a href="#">4287015407 (0xFF86A9EF)</a>
YUV	<a href="#">166.5150, 35.7351, -28.5157</a>
Hunter-Lab	<a href="#">62.9891, 1.9870, -38.0173</a>

# Details

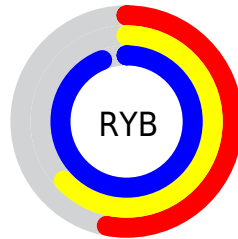
The Android color `4287015407` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293905542`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4290765055`, and `4283332023` is the 20% darker color. If you saturate the color by 10%, you get `4285438447`, and if you desaturate by 10%, it is `4288592367`.

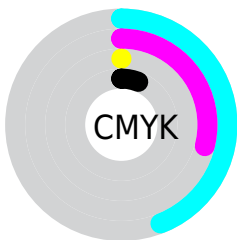
# Distribution



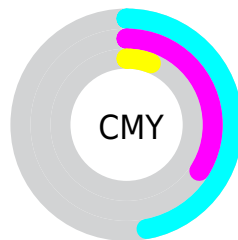
- Red (53%)
- Green (66%)
- Blue (94%)



- Red (53%)
- Yellow (63%)
- Blue (94%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)

















- Cyan (47%)
- Magenta (34%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287015407 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 4287015407 by changing the saturation by 10% instead.



 4287015407	 4287015407
4294967295	 4285173715
 4290765055	 4283332023
 4292673023	 4281359772
 4294574079	 4278404737
	 4278202472
	 4278197327
	 4278190904
	 4278190626
	 4278190087

■ 4287015407

■ 4287015407

■ 4285438447

■ 4288592367

■ 4283861487

■ 4290169327

■ 4282284527

■ 4291746287

■ 4280707567

■ 4293323247

■ 4279196143

■ 4294834671

■ 4278210799

■ 4294967279

# Harmonies

## Analogous

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



4282627307



4287015407



4290485473

# Triad

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



4287015407



4293563262



4284660366

# Complementary

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



4287015407



4293905542

# 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.



4287607920



4287015407



4292189799

# Square

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



4287015407



4293823904



4290161250



4280859827

# Rectangle

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



4287015407



4292121806



4290161250



4285708419



# Sweetspot

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



4287015407



4292798975



4287033292



4285231744



4278190080



4286611584



# Same Dimension

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



4287015407



4286096895



4288120559



4285296760



4278205880



4278195000



# Inverse Universe

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



4293887657



4294932645



4292734854



4286082160



4290248765



4281860115



# Previews

## White Background



This preview shows how the Android color 4287015407 looks on a white background.

## Color Contrast Check

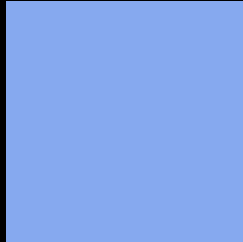
Large Text (above 18pt) WCAG AA × Fail

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 4287015407 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

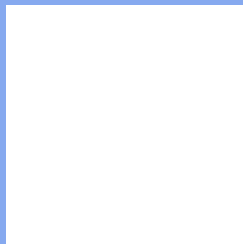
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287015407 Background



This preview shows how black text looks on a background with the Android color 4287015407.



This preview shows how white text looks on a background with the Android color 4287015407.

# 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**  
4287015407

**Protanopia**  
4287866605

**Deuteranopia**  
4287539183



# Trichromacy



**Original Color**  
4287015407

**Protanomaly**  
4287539182

**Deuteranomaly**  
4287342831

**Tritanomaly**  
4286492625

# Monochromacy



**Original Color**  
4287015407

**Achromatopsia**  
4289177511

**Achromatomaly**  
4288391361

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287015407 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(134, 169, 239)` looks like.

```
.text, #text, p{  
    color:rgb(134, 169, 239)  
}
```

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(134, 169, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 169, 239) }
```

## Border

The CSS property to change the border of an element to Android 4287015407 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(134, 169, 239) }
```

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

```
.border{ border-color:rgb(134, 169, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 169, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 169, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 169, 239); box-shadow:4px 4px 4px 4px rgb(134, 169, 239) }
```

# Background

The CSS property to change the background color of an element to Android 4287015407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 169, 239) }
```

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

```
.background{ background-color: rgb(134,  
169, 239) }
```

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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